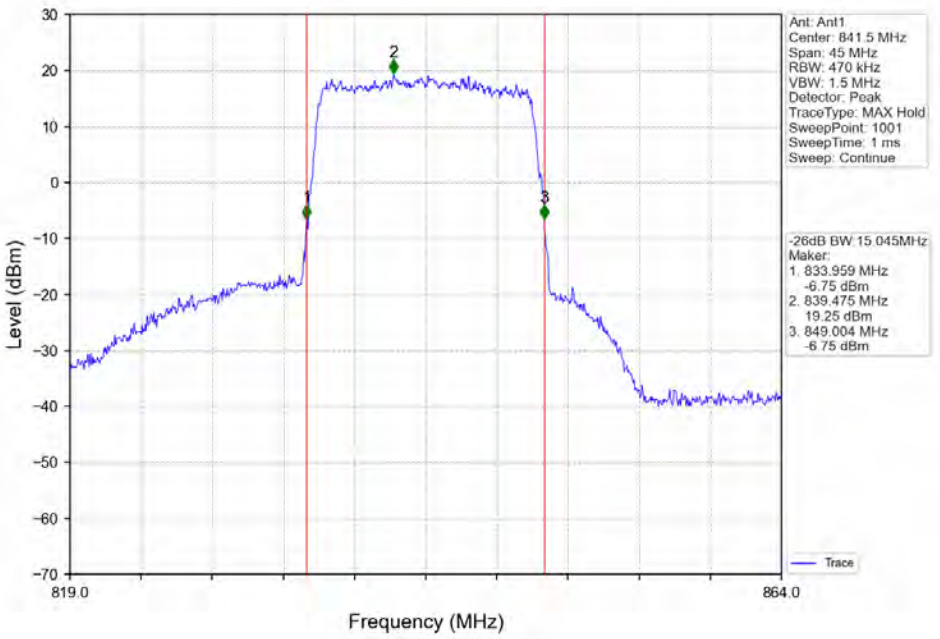
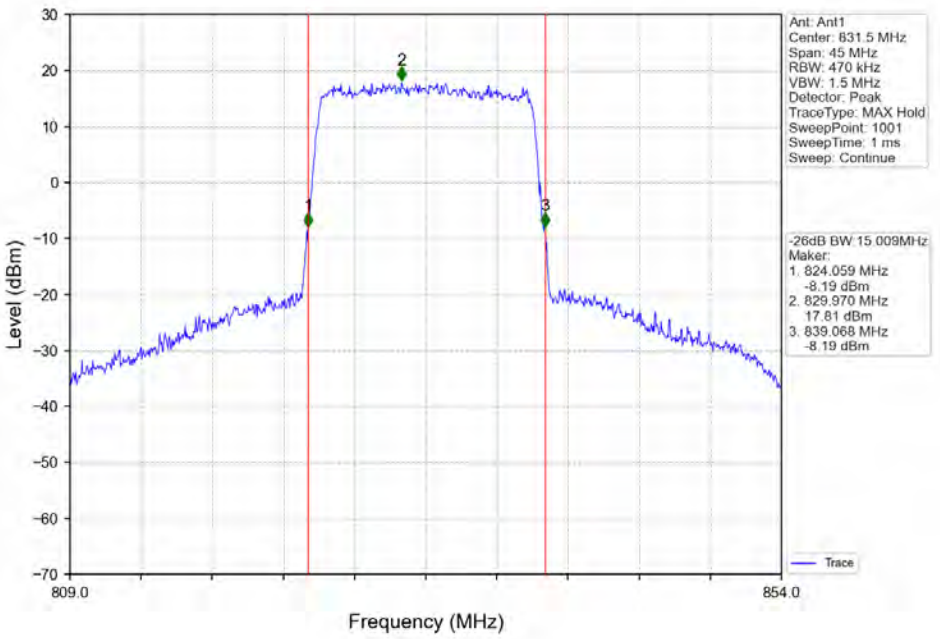
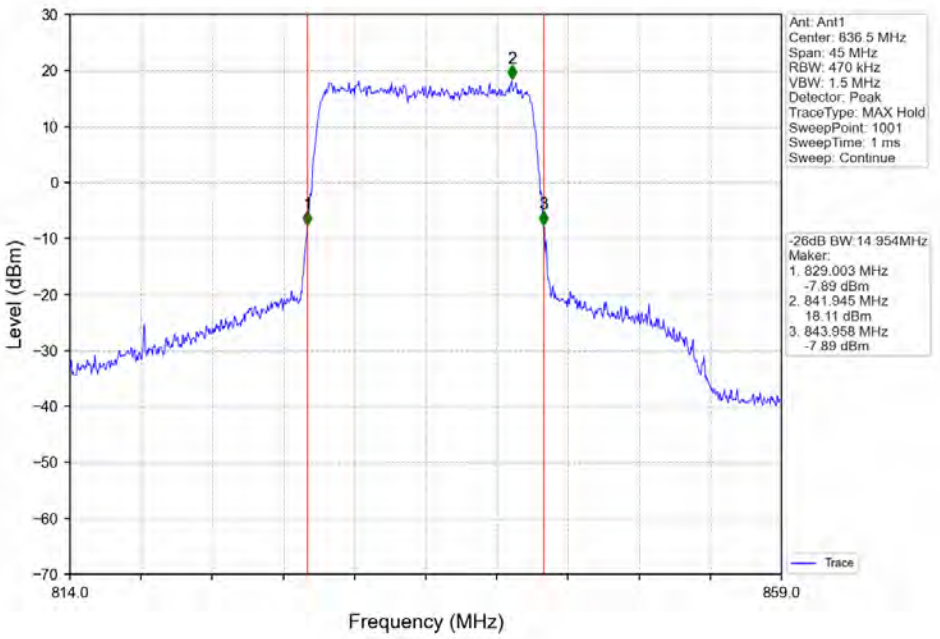
Band26b_15MHz_QPSK_HCH_841.5MHz_RB_75_0_NTNV



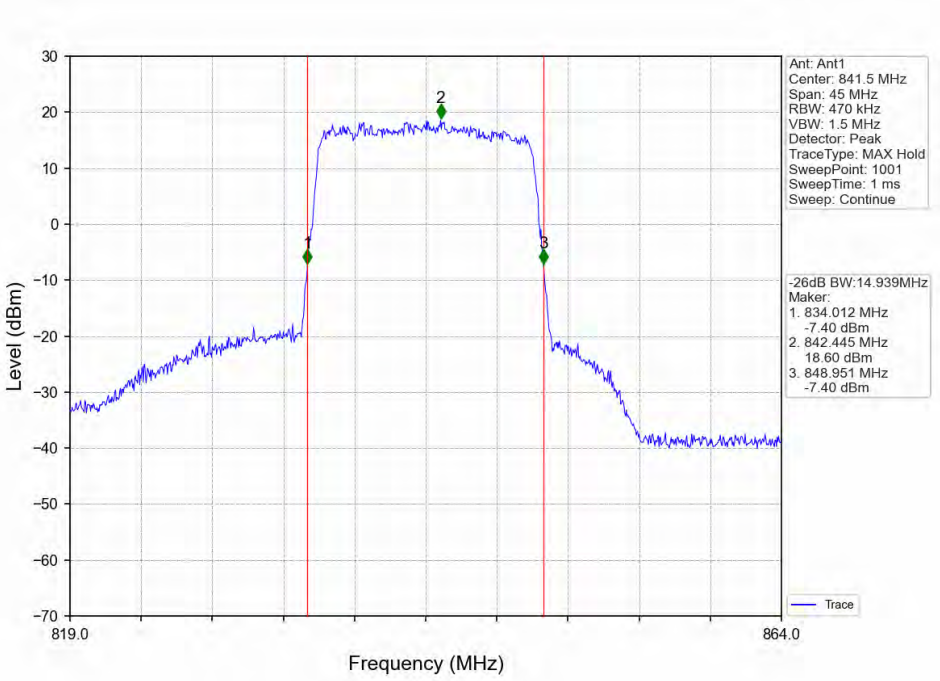
Band26b_15MHz_16QAM_LCH_831.5MHz_RB_75_0_NTNV



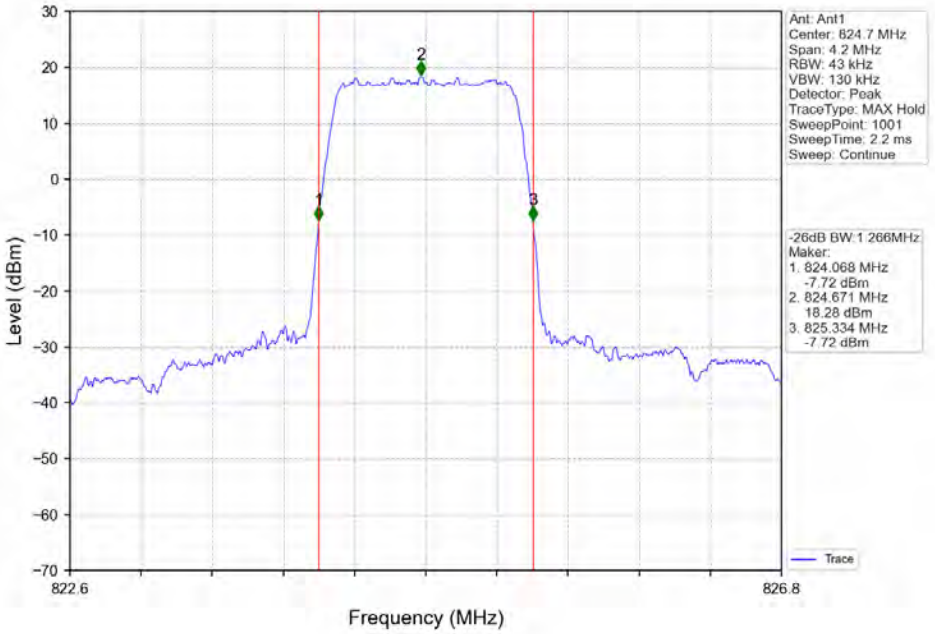
Band26b_15MHz_16QAM_MCH_836.5MHz_RB_75_0_NTNV



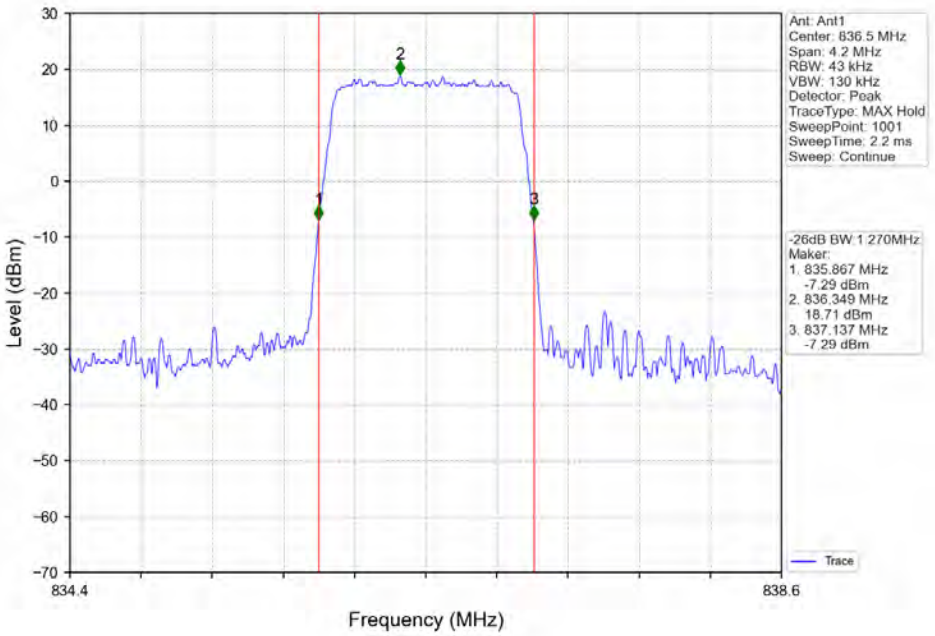
Band26b_15MHz_16QAM_HCH_841.5MHz_RB_75_0_NTNV



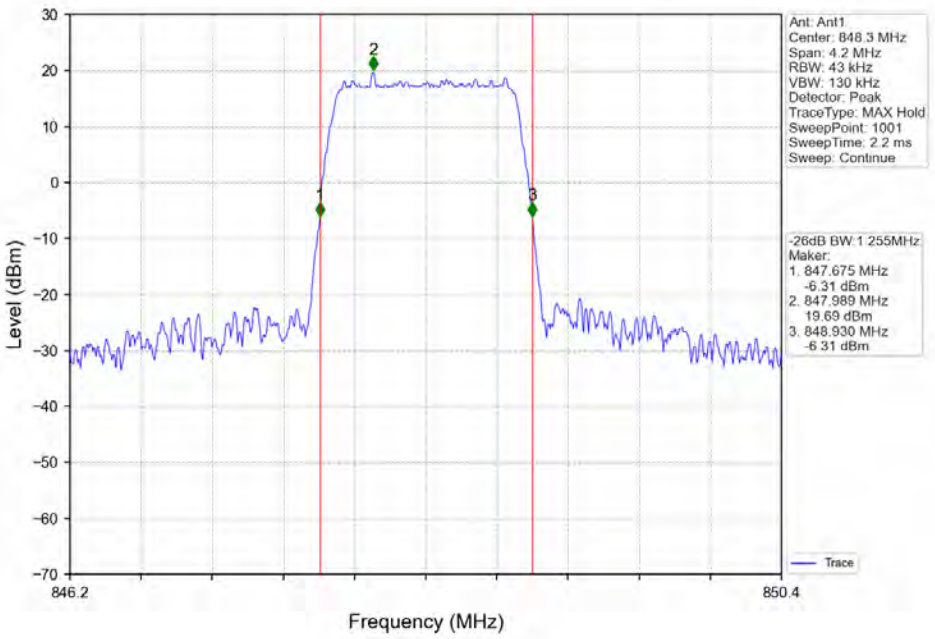
Band26b_1.4MHz_64QAM_LCH_824.7MHz_RB_6_0_NTNV



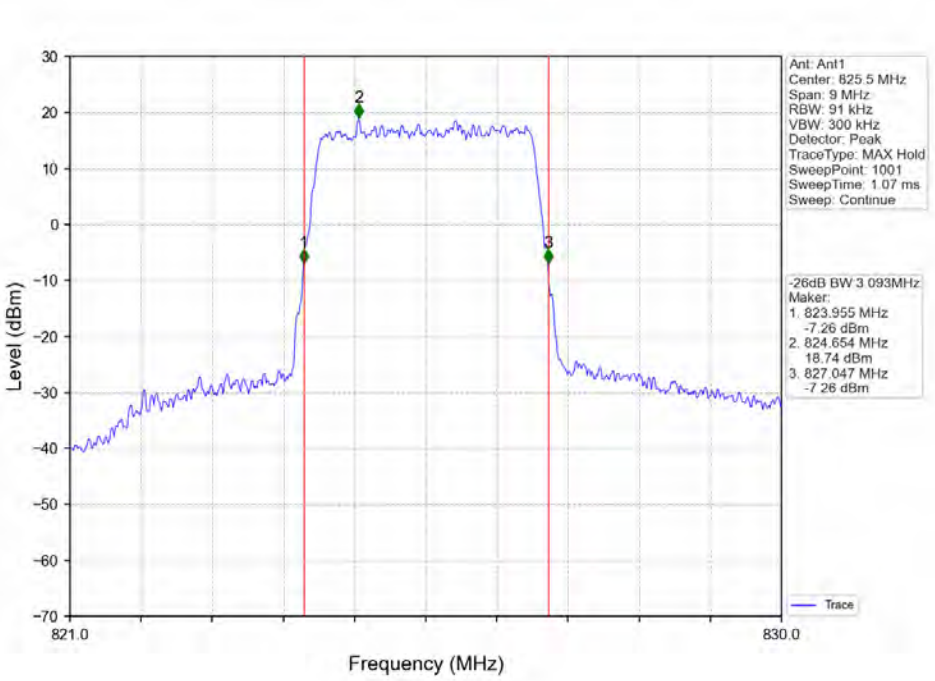
Band26b_1.4MHz_64QAM_MCH_836.5MHz_RB_6_0_NTNV



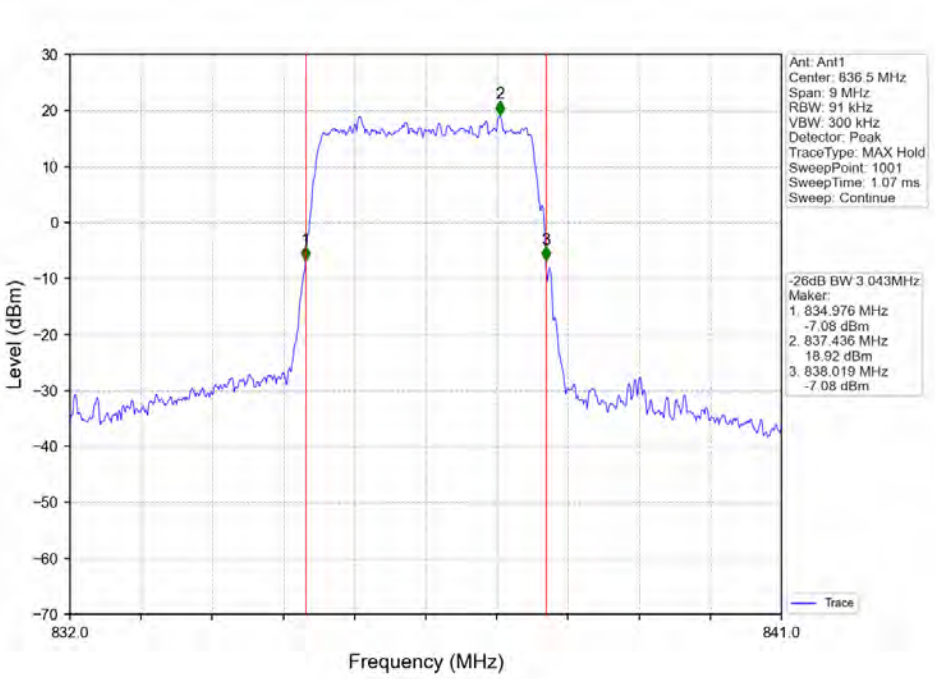
Band26b_1.4MHz_64QAM_HCH_848.3MHz_RB_6_0_NTNV



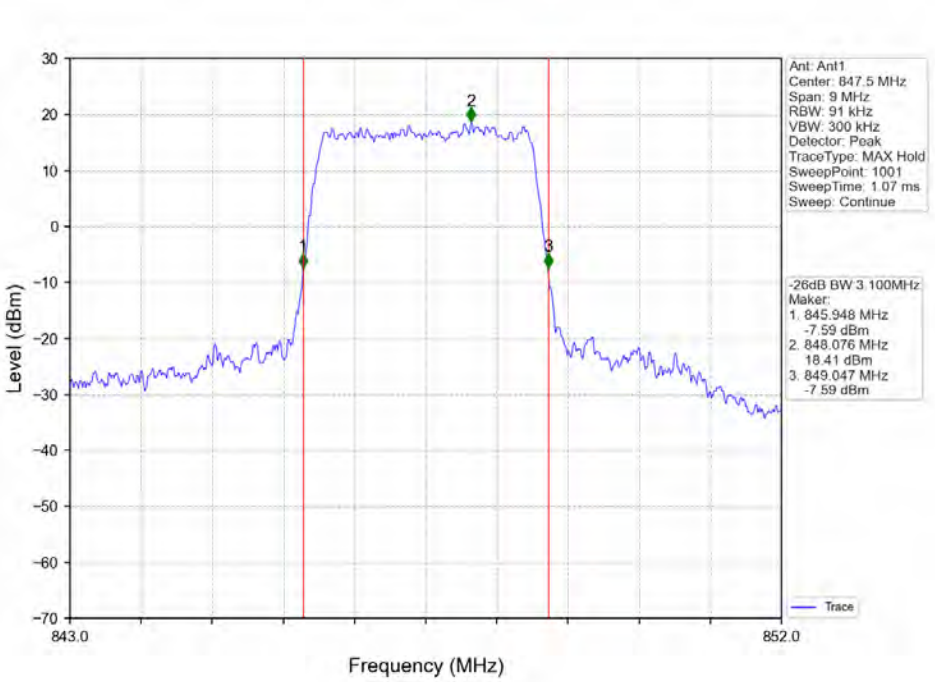
Band26b_3MHz_64QAM_LCH_825.5MHz_RB_15_0_NTNV



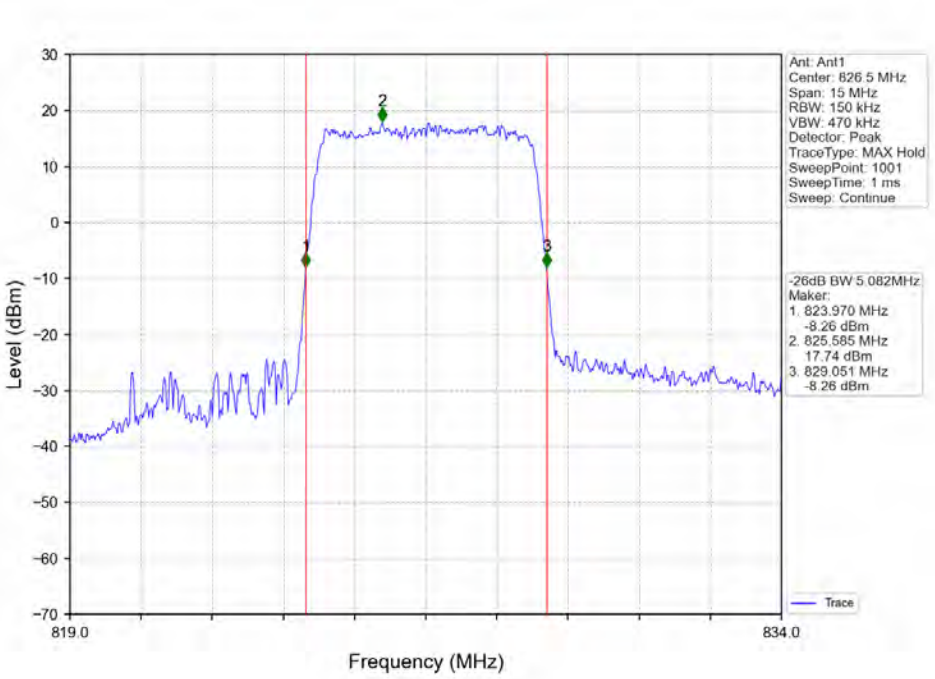
Band26b_3MHz_64QAM_MCH_836.5MHz_RB_15_0_NTNV



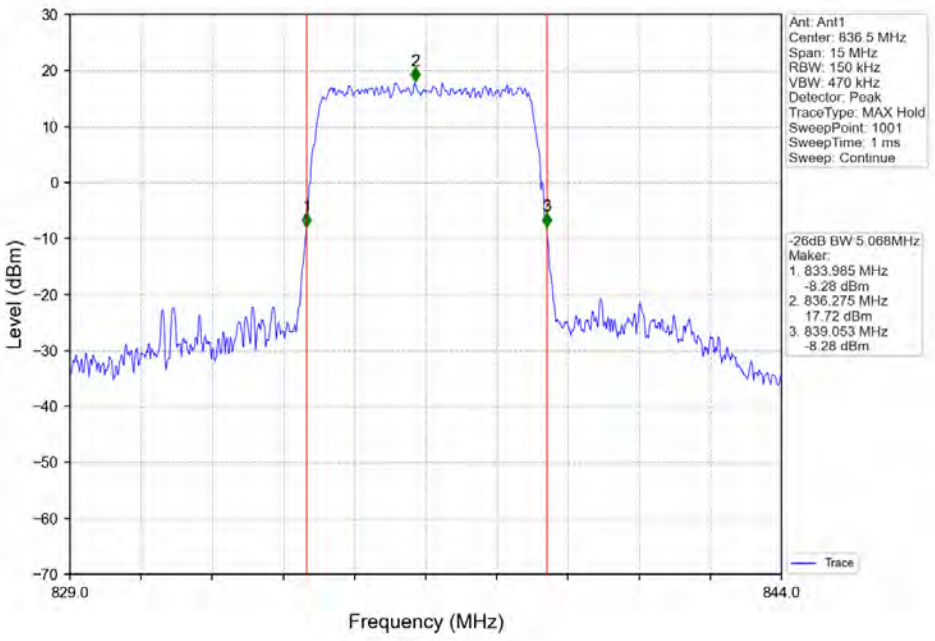
Band26b_3MHz_64QAM_HCH_847.5MHz_RB_15_0_NTNV



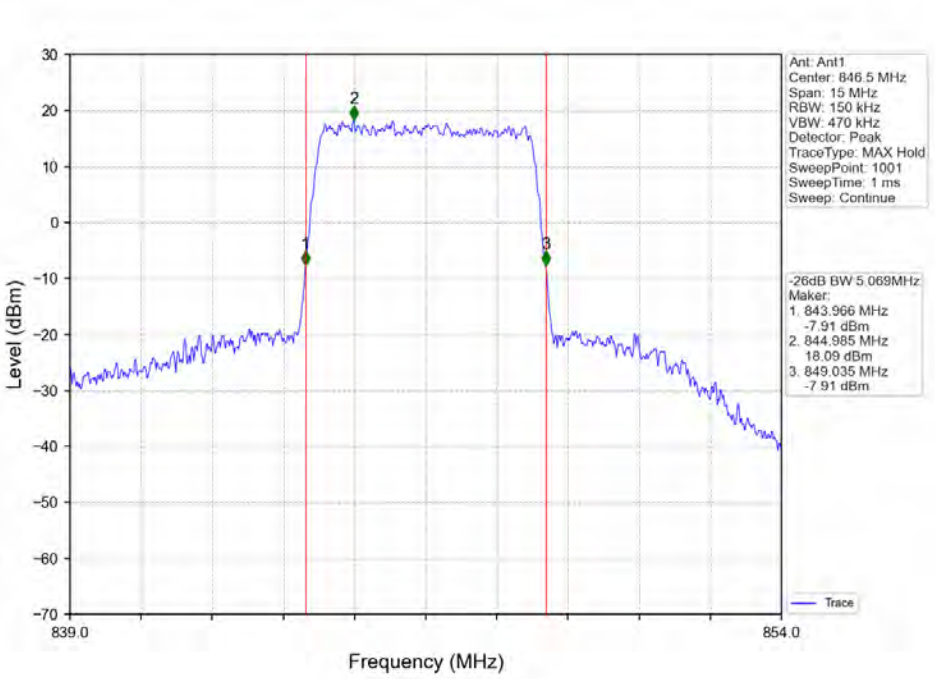
Band26b_5MHz_64QAM_LCH_826.5MHz_RB_25_0_NTNV



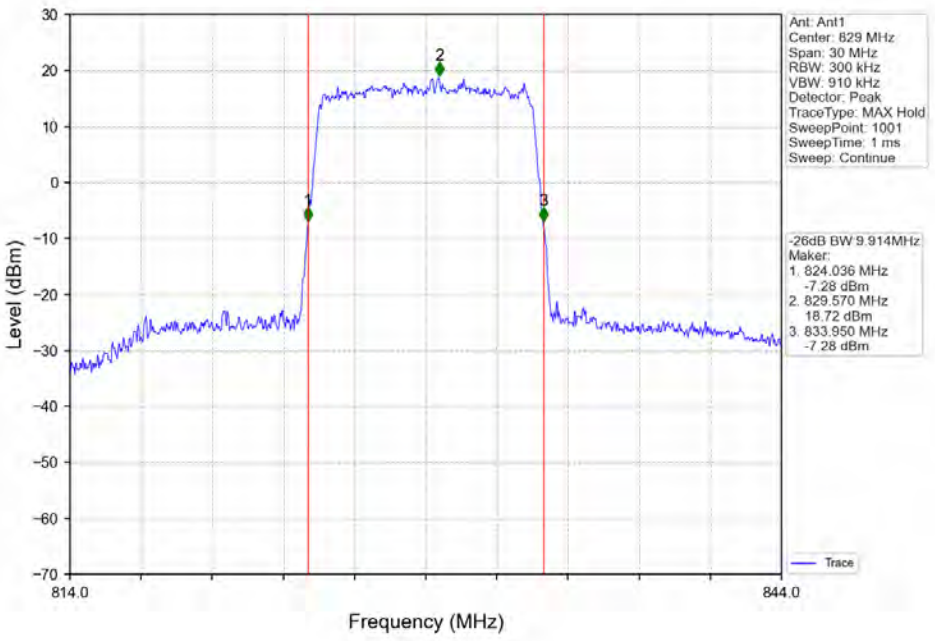
Band26b_5MHz_64QAM_MCH_836.5MHz_RB_25_0_NTNV



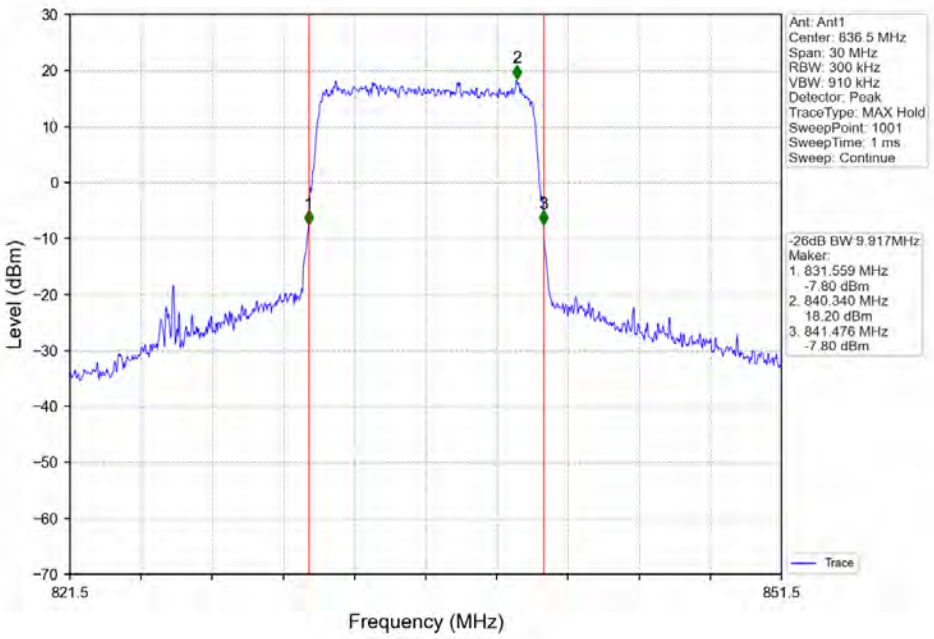
Band26b_5MHz_64QAM_HCH_846.5MHz_RB_25_0_NTNV



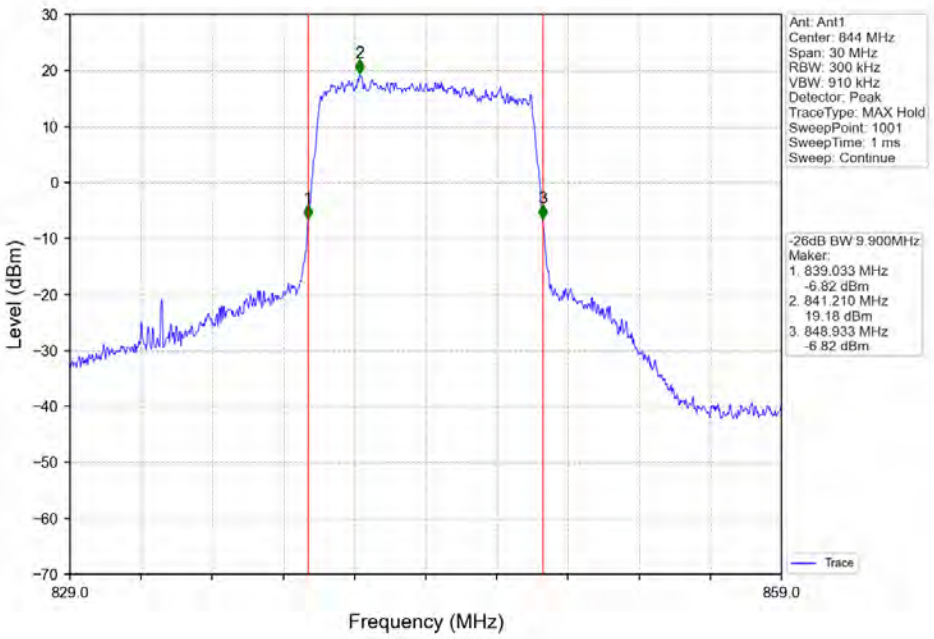
Band26b_10MHz_64QAM_LCH_829MHz_RB_50_0_NTNV



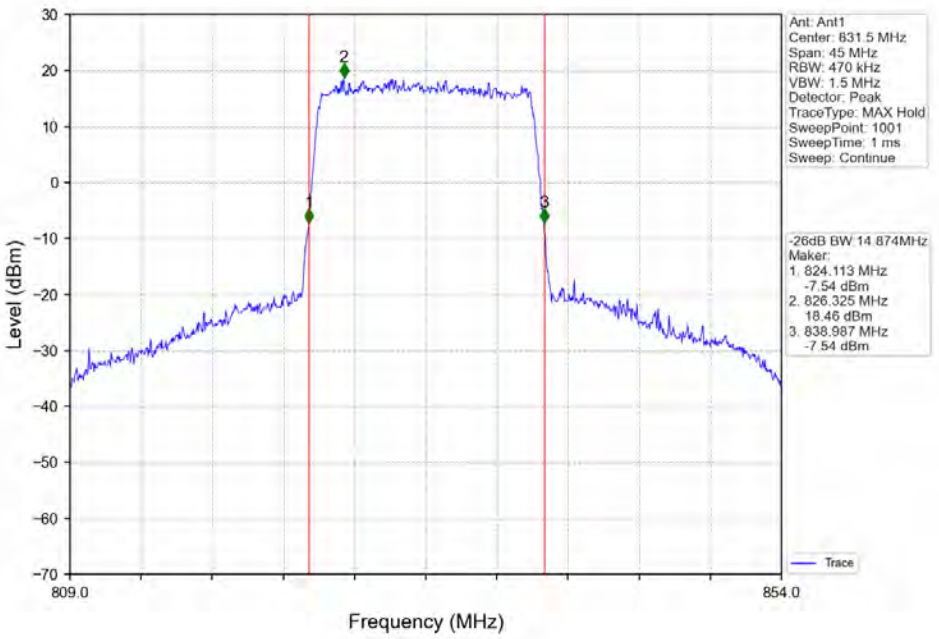
Band26b_10MHz_64QAM_MCH_836.5MHz_RB_50_0_NTNV



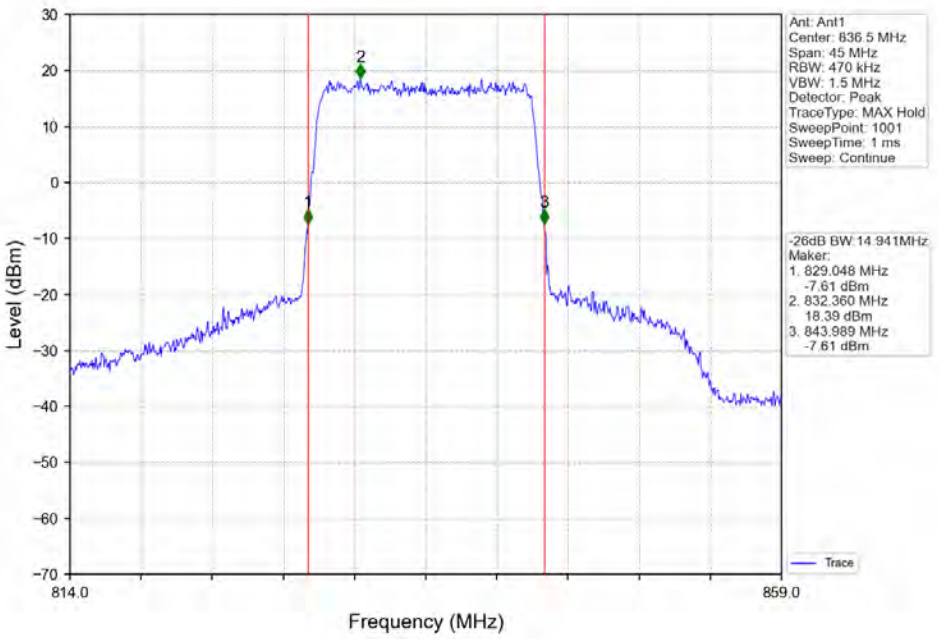
Band26b_10MHz_64QAM_HCH_844MHz_RB_50_0_NTNV



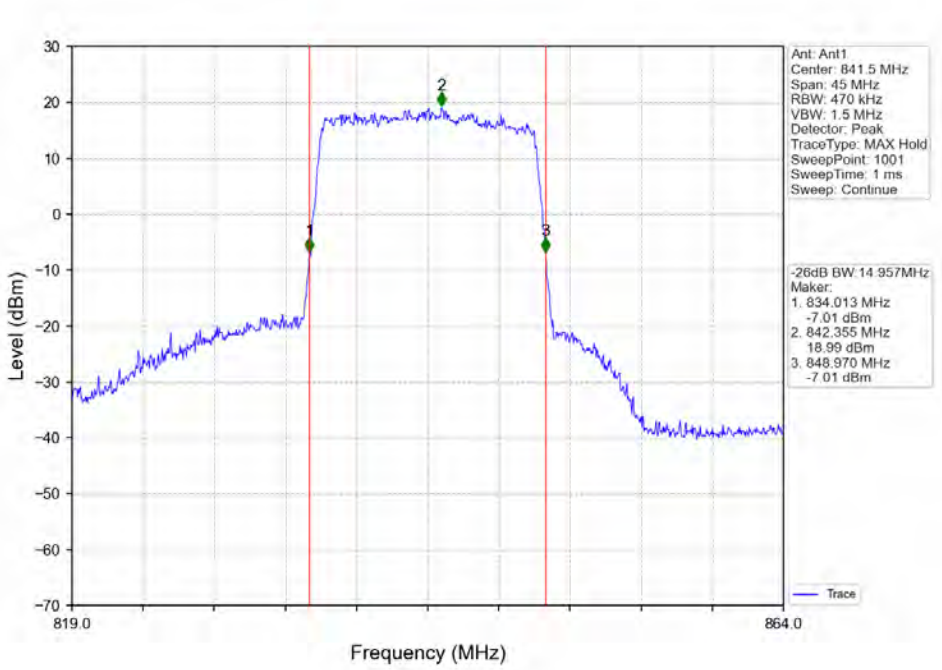
Band26b_15MHz_64QAM_LCH_831.5MHz_RB_75_0_NTNV



Band26b_15MHz_64QAM_MCH_836.5MHz_RB_75_0_NTNV



Band26b_15MHz_64QAM_HCH_841.5MHz_RB_75_0_NTNV



2.9 LTE Band 5B OBW

2.9.1 Test Result

Band: 5B / Bandwidth: 3MHz+5MHz / NTNV							
Modulation	RB Allocation		99% Occupied Bandwidth (MHz)			Limit (MHz)	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	FULL	0	8.490	8.560	8.581	/	Pass
16QAM	FULL	0	8.351	8.459	8.472	/	Pass
64QAM	FULL	0	8.371	8.467	8.466	/	Pass
Band: 5B / Bandwidth: 5MHz+3MHz / NTNV							
Modulation	RB Allocation		99% Occupied Bandwidth (MHz)			Limit (MHz)	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	FULL	0	8.482	8.537	8.571	/	Pass
16QAM	FULL	0	8.370	8.442	8.473	/	Pass
64QAM	FULL	0	8.370	8.431	8.475	/	Pass
Band: 5B / Bandwidth: 5MHz+10MHz / NTNV							
Modulation	RB Allocation		99% Occupied Bandwidth (MHz)			Limit (MHz)	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	FULL	0	8.482	8.537	8.571	/	Pass
16QAM	FULL	0	8.370	8.442	8.473	/	Pass
64QAM	FULL	0	8.370	8.431	8.475	/	Pass
Band: 5B / Bandwidth: 10MHz+5MHz / NTNV							
Modulation	RB Allocation		99% Occupied Bandwidth (MHz)			Limit (MHz)	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	FULL	0	14.640	8.537	8.571	/	Pass
16QAM	FULL	0	14.555	8.442	8.473	/	Pass
64QAM	FULL	0	14.640	8.431	8.475	/	Pass
Band: 5B / Bandwidth: 10MHz+10MHz / NTNV							
Modulation	RB Allocation		99% Occupied Bandwidth (MHz)			Limit (MHz)	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	FULL	0	14.640	19.265	19.317	/	Pass
16QAM	FULL	0	14.555	19.204	19.290	/	Pass
64QAM	FULL	0	14.640	19.176	19.233	/	Pass

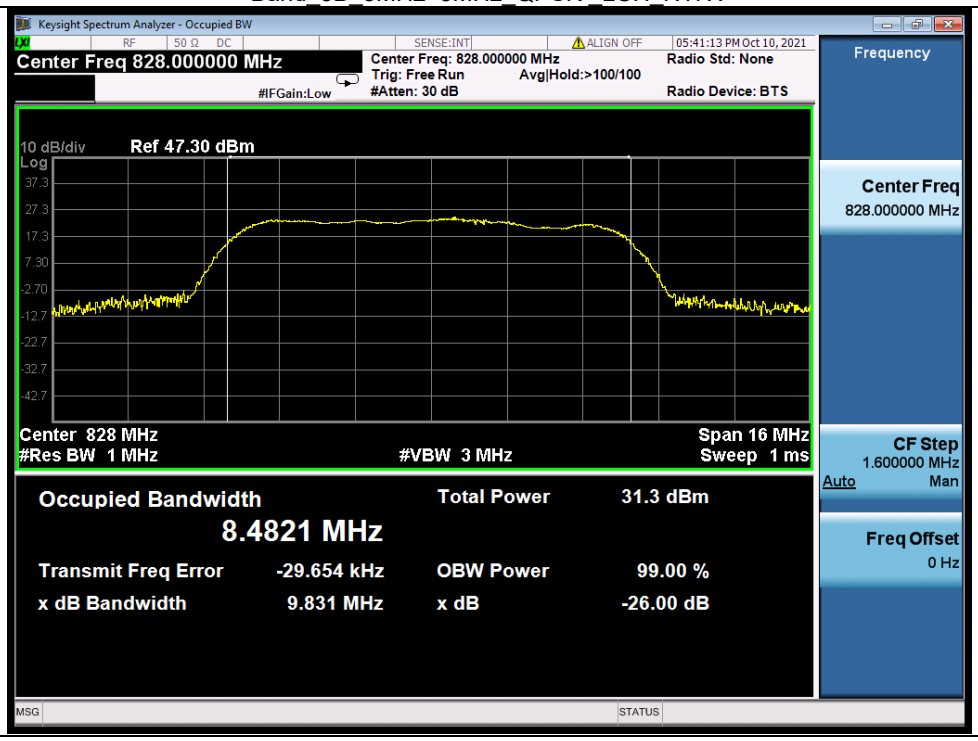
2.10 LTE Band 5B 26DB

2.10.1 Test Result

Band: 5B / Bandwidth: 3MHz+5MHz / NTNV							
Modulation	RB Allocation		26dB Bandwidth (MHz)			Limit (MHz)	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	FULL	0	9.766	9.846	10.480	/	Pass
16QAM	FULL	0	9.710	9.762	9.845	/	Pass
64QAM	FULL	0	9.740	9.866	10.19	/	Pass
Band: 5B / Bandwidth: 5MHz+3MHz / NTNV							
Modulation	RB Allocation		26dB Bandwidth (MHz)			Limit (MHz)	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	FULL	0	9.831	9.846	9.937	/	Pass
16QAM	FULL	0	9.859	11.070	9.789	/	Pass
64QAM	FULL	0	9.740	10.950	9.829	/	Pass
Band: 5B / Bandwidth: 5MHz+10MHz / NTNV							
Modulation	RB Allocation		26dB Bandwidth (MHz)			Limit (MHz)	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	FULL	0	9.831	9.846	9.937	/	Pass
16QAM	FULL	0	9.859	11.070	9.789	/	Pass
64QAM	FULL	0	9.740	10.950	9.829	/	Pass
Band: 5B / Bandwidth: 10MHz+5MHz / NTNV							
Modulation	RB Allocation		26dB Bandwidth (MHz)			Limit (MHz)	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	FULL	0	16.340	9.846	9.937	/	Pass
16QAM	FULL	0	16.500	11.070	9.789	/	Pass
64QAM	FULL	0	16.340	10.950	9.829	/	Pass
Band: 5B / Bandwidth: 10MHz+10MHz / NTNV							
Modulation	RB Allocation		26dB Bandwidth (MHz)			Limit (MHz)	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	FULL	0	16.340	21.4.00	21.130	/	Pass
16QAM	FULL	0	16.500	20.990	21.040	/	Pass
64QAM	FULL	0	16.340	21.040	21.060	/	Pass

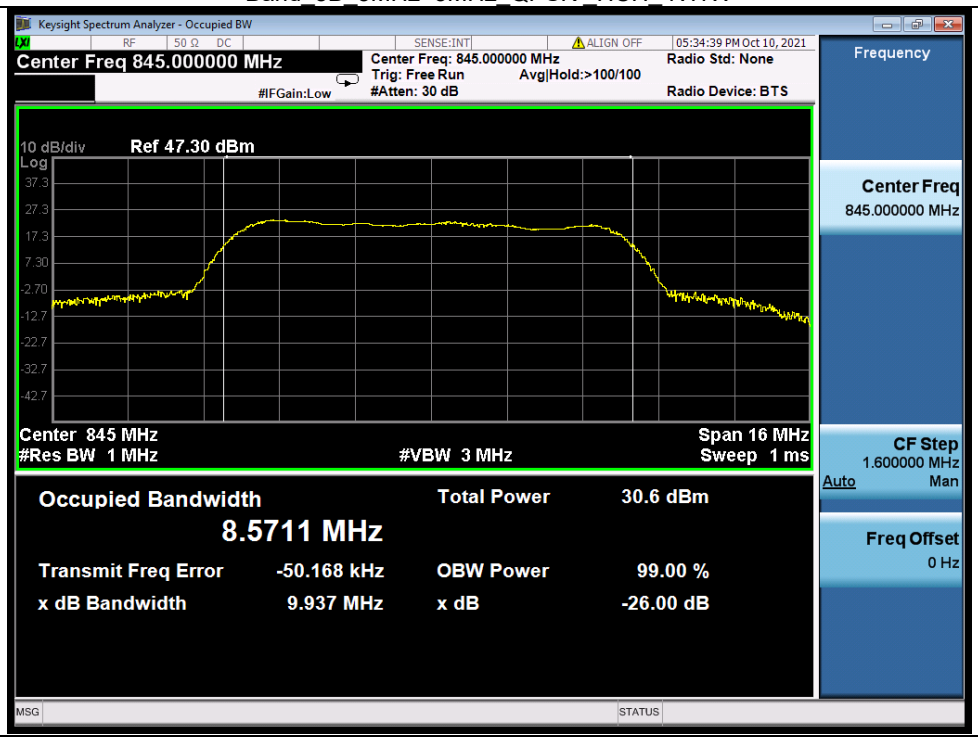
2.10.2 Test Graph

Band_5B_5MHz+3MHz_QPSK_LCH_NTNV

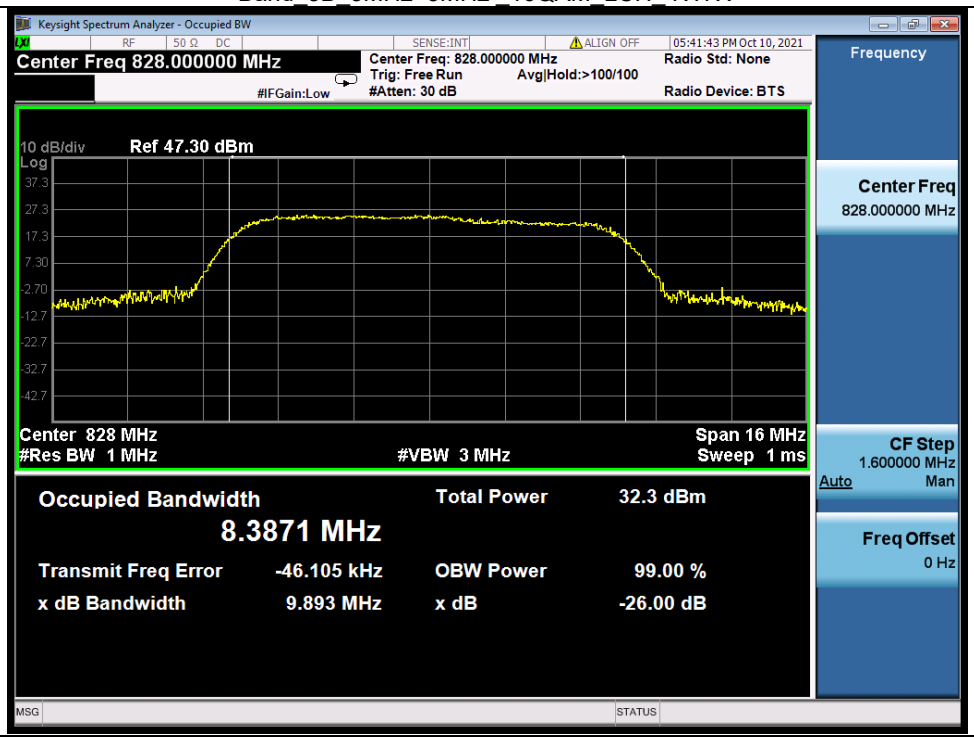


Band_5B_5MHz+3MHz_QPSK_MCH_NTNV

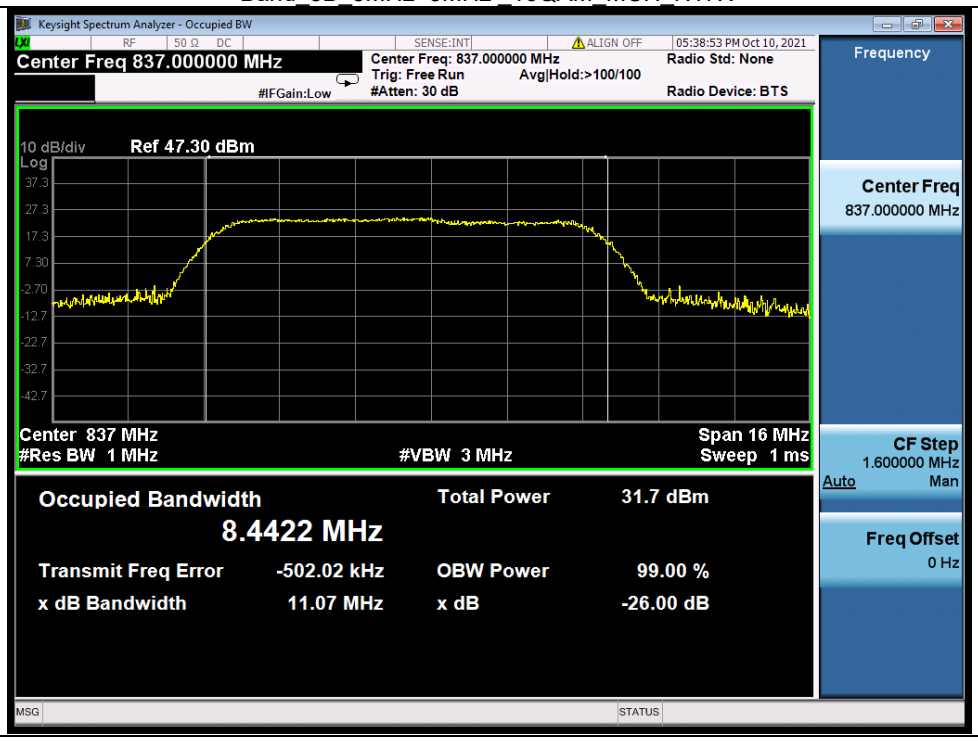
Band_5B_5MHz+3MHz_QPSK_HCH_NTNV



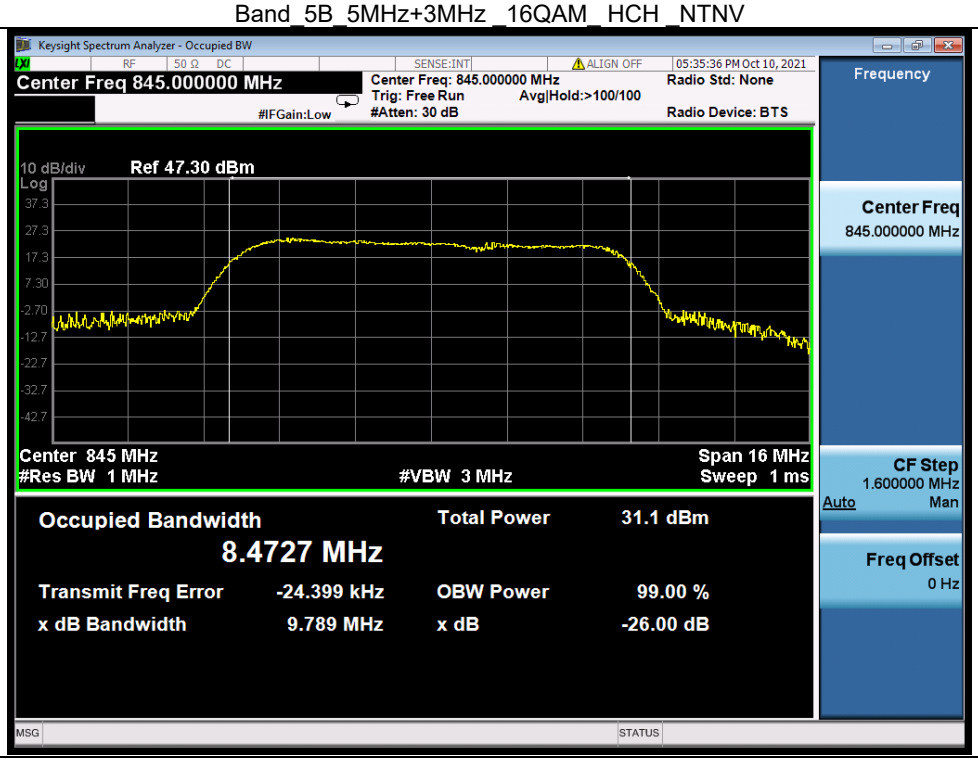
Band_5B_5MHz+3MHz_16QAM_LCH_NTNV



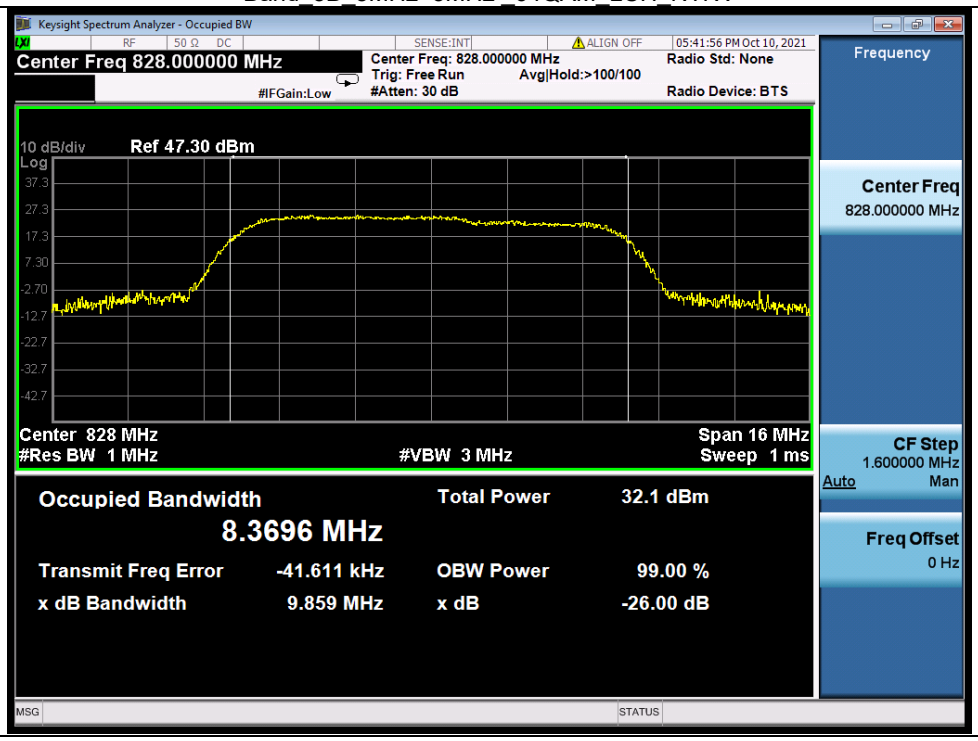
Band_5B_5MHz+3MHz_16QAM_MCH_NTNV



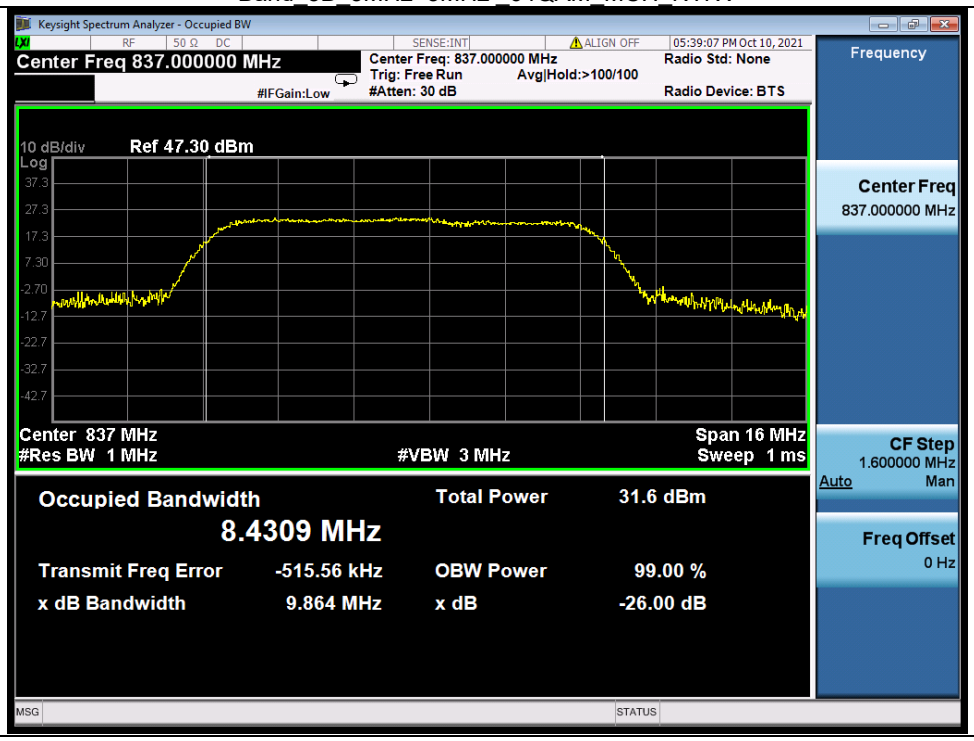
Band_5B_5MHz+3MHz_16QAM_HCH_NTNV



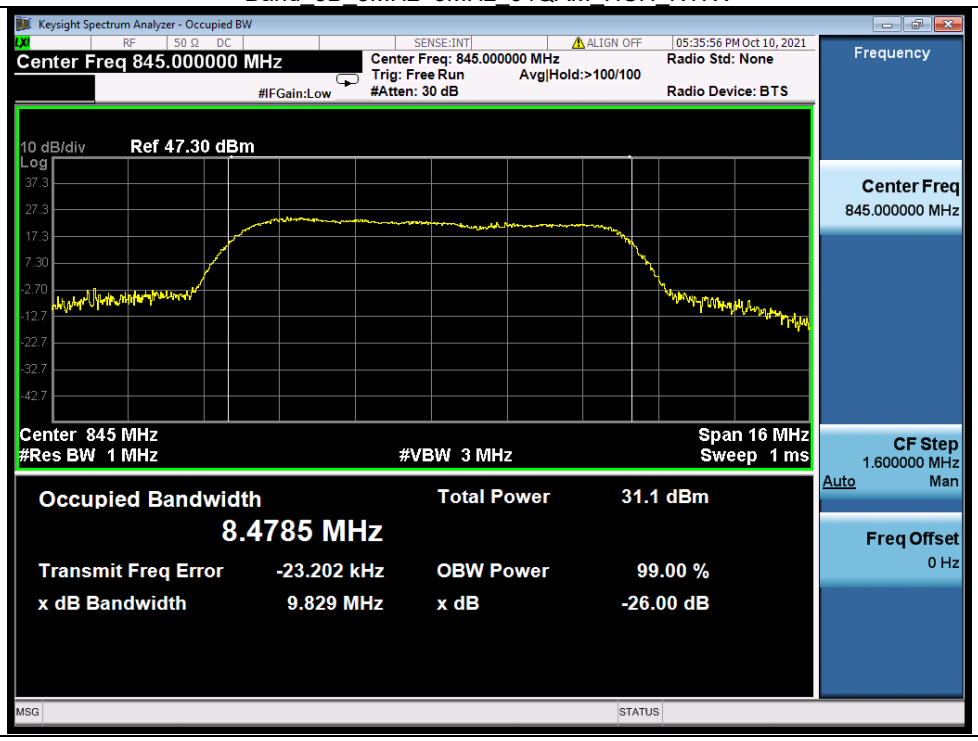
Band_5B_5MHz+3MHz_64QAM_LCH_NTNV



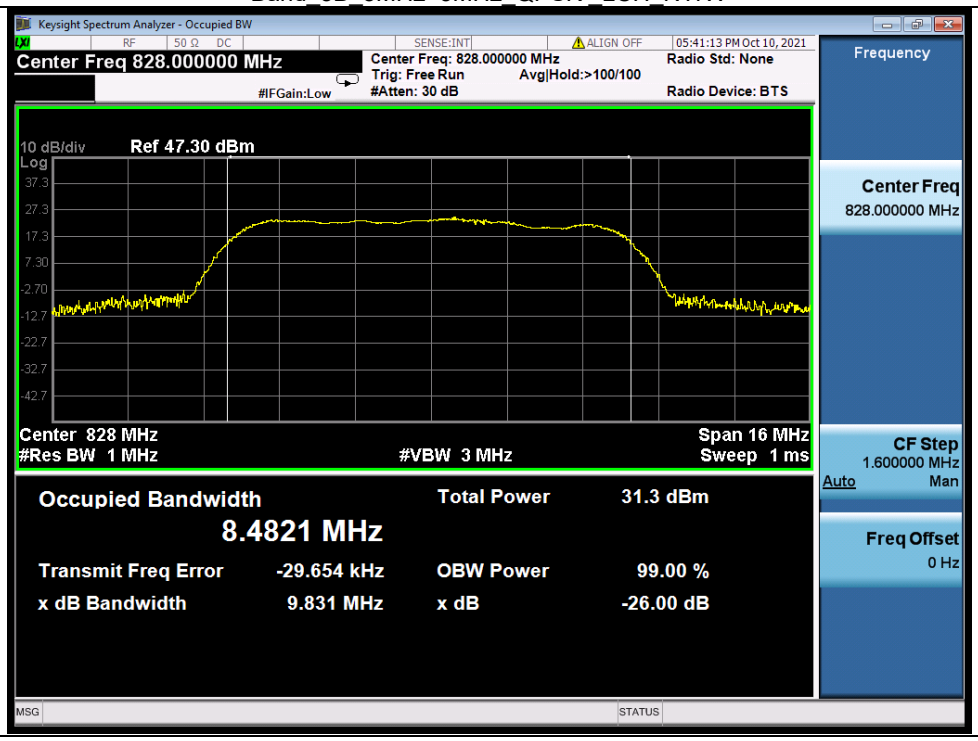
Band_5B_5MHz+3MHz_64QAM_MCH_NTNV



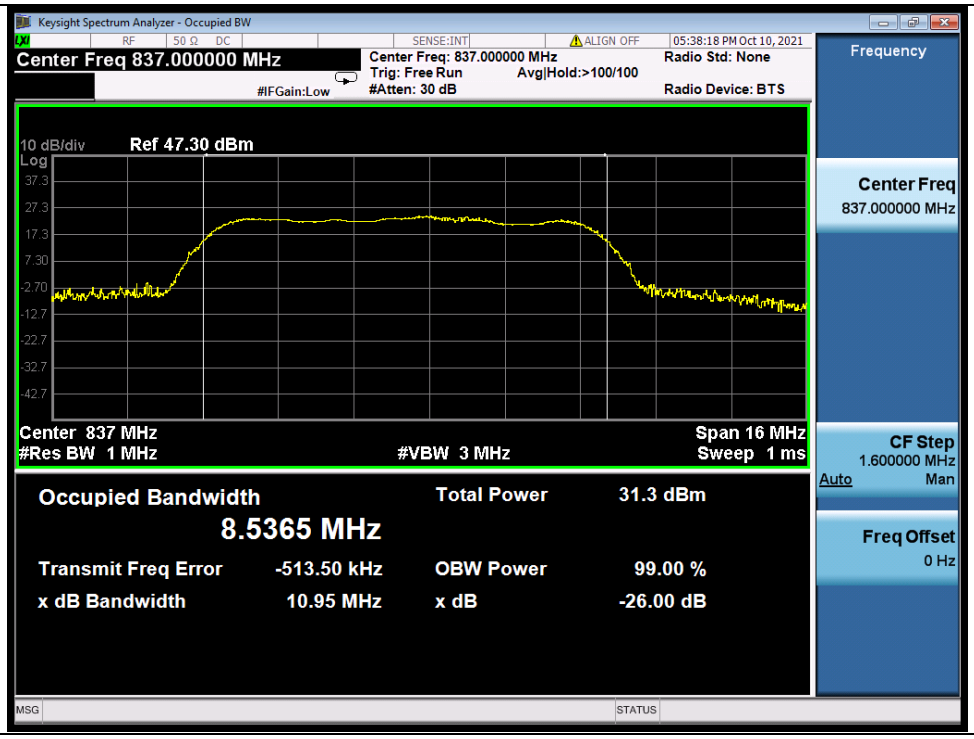
Band_5B_5MHz+3MHz_64QAM_HCH_NTNV



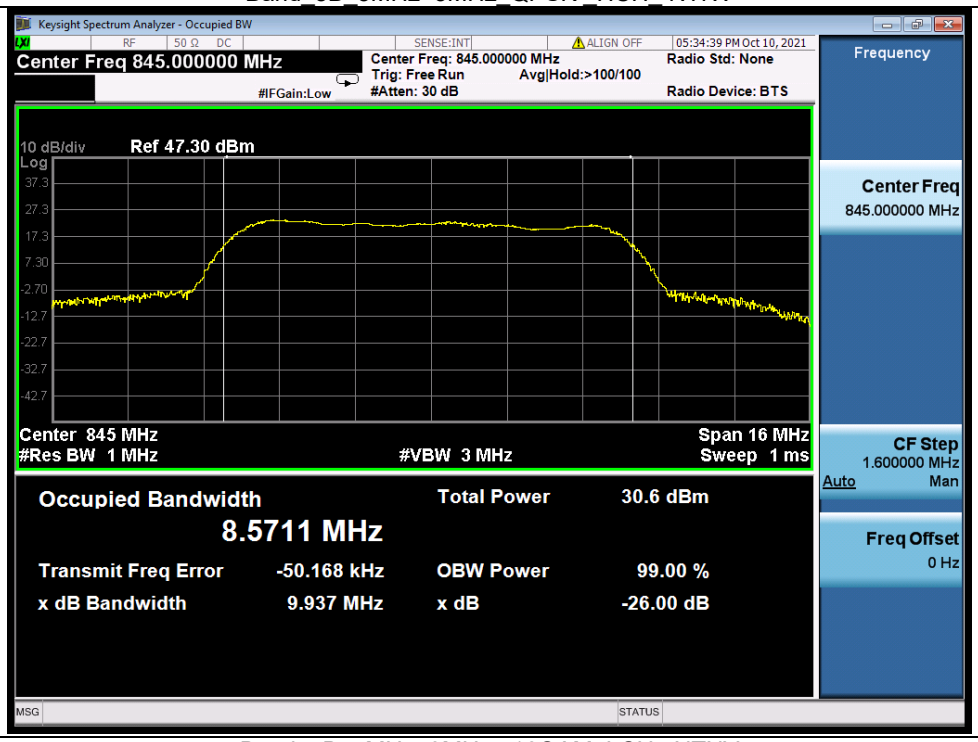
Band_5B_5MHz+3MHz_QPSK_LCH_NTNV



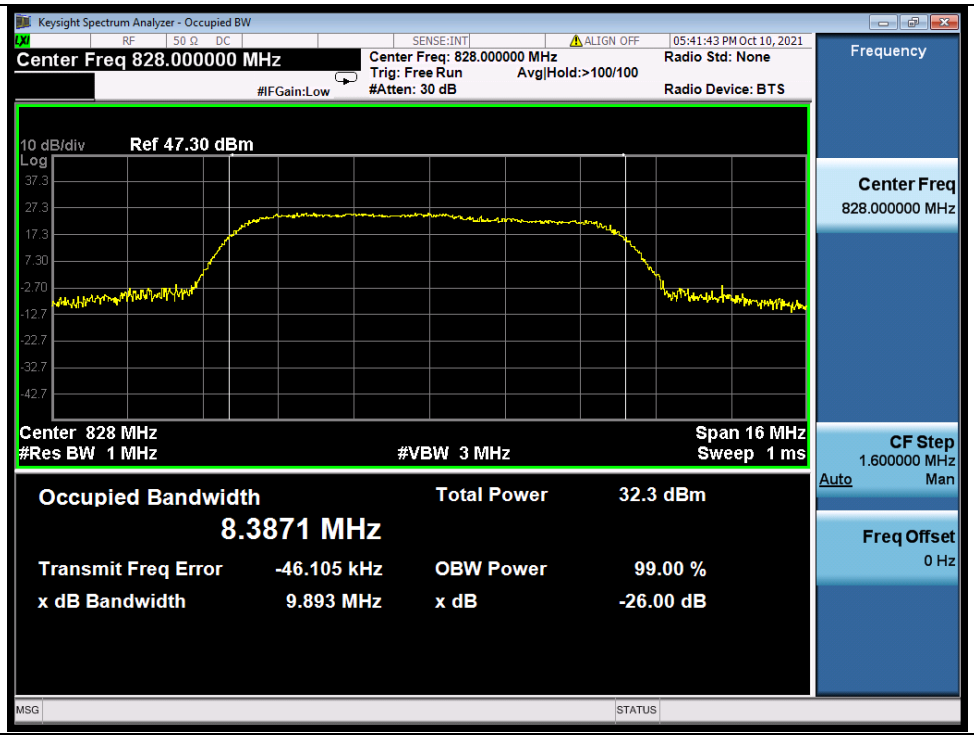
Band_5B_5MHz+3MHz_QPSK_MCH_NTNV



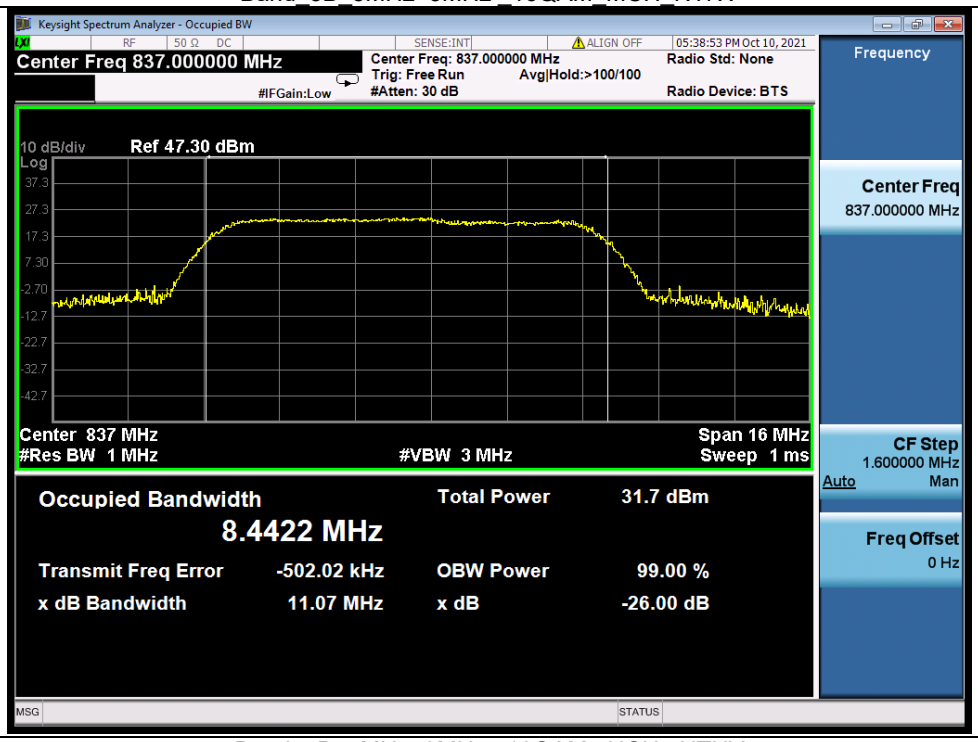
Band_5B_5MHz+3MHz_QPSK_HCH_NTNV



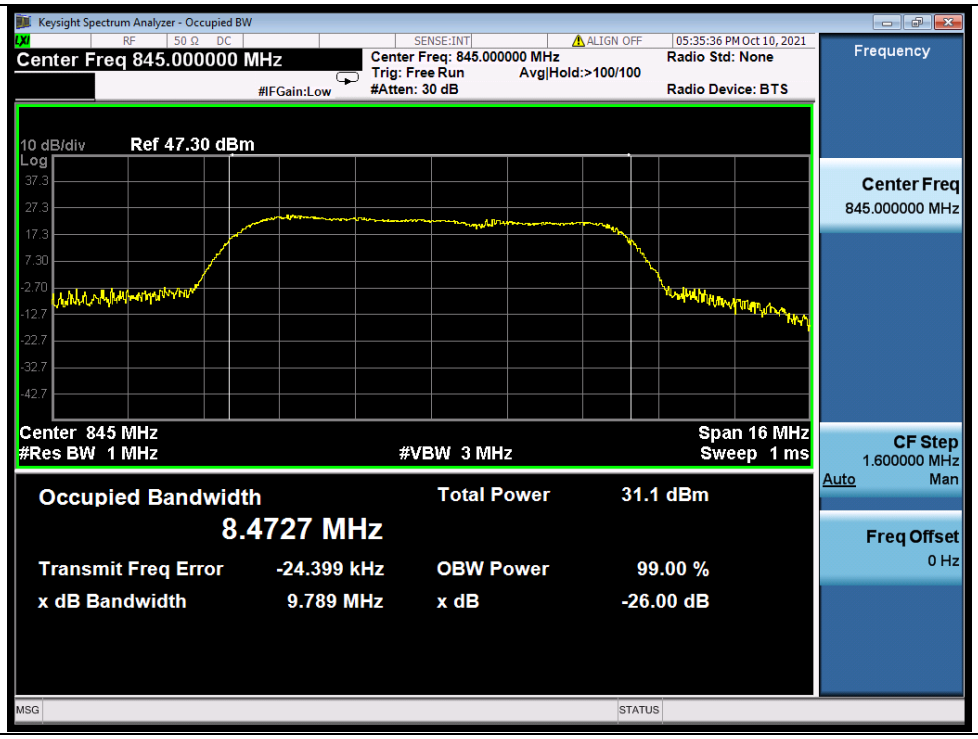
Band_5B_5MHz+3MHz_16QAM_LCH_NTNV



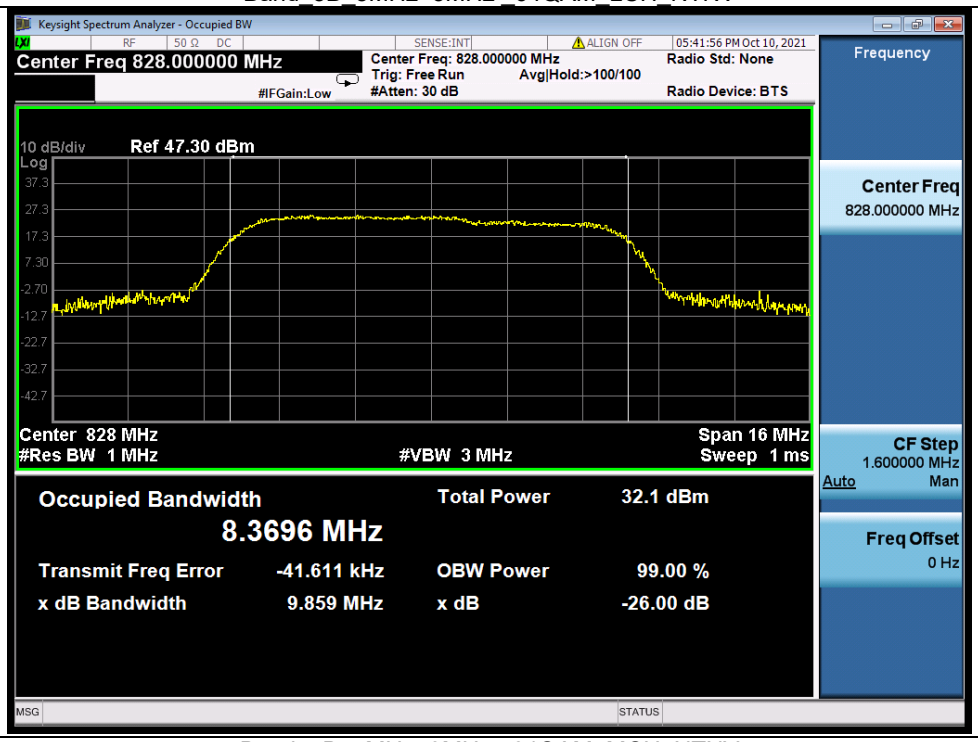
Band_5B_5MHz+3MHz _16QAM_MCH_NTNV



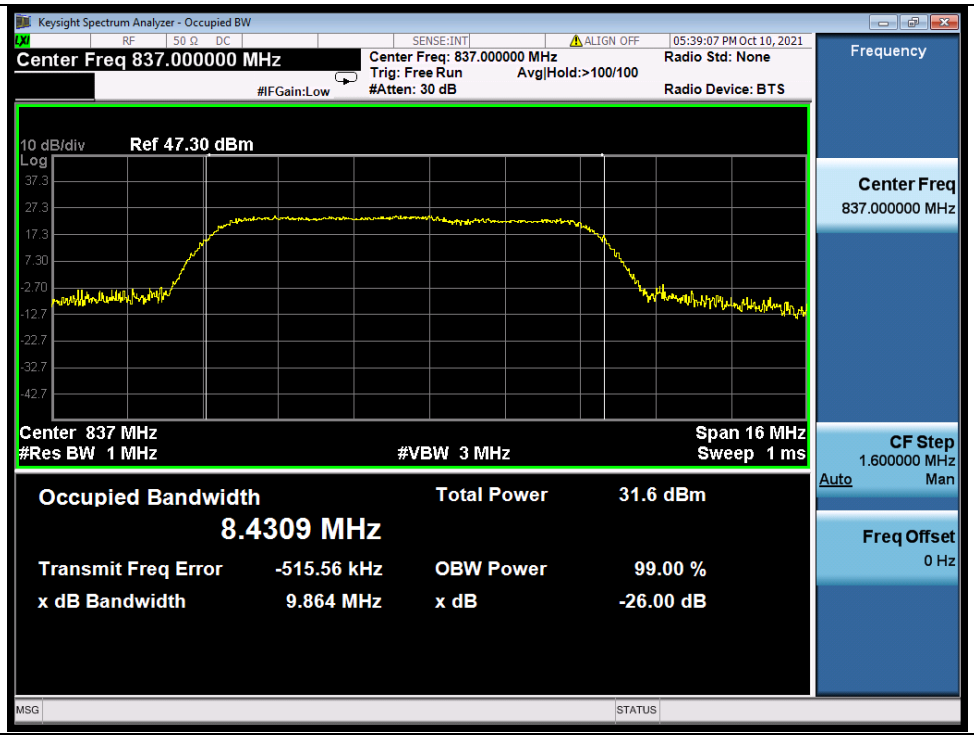
Band_5B_5MHz+3MHz _16QAM_ HCH _NTNV



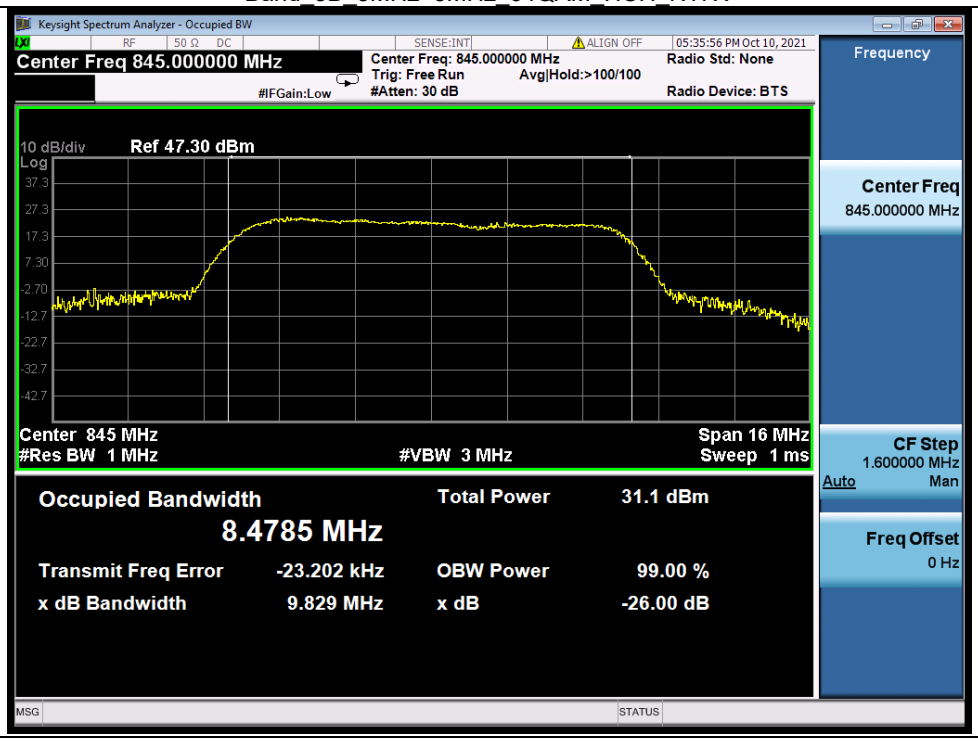
Band_5B_5MHz+3MHz _64QAM_LCH_NTNV



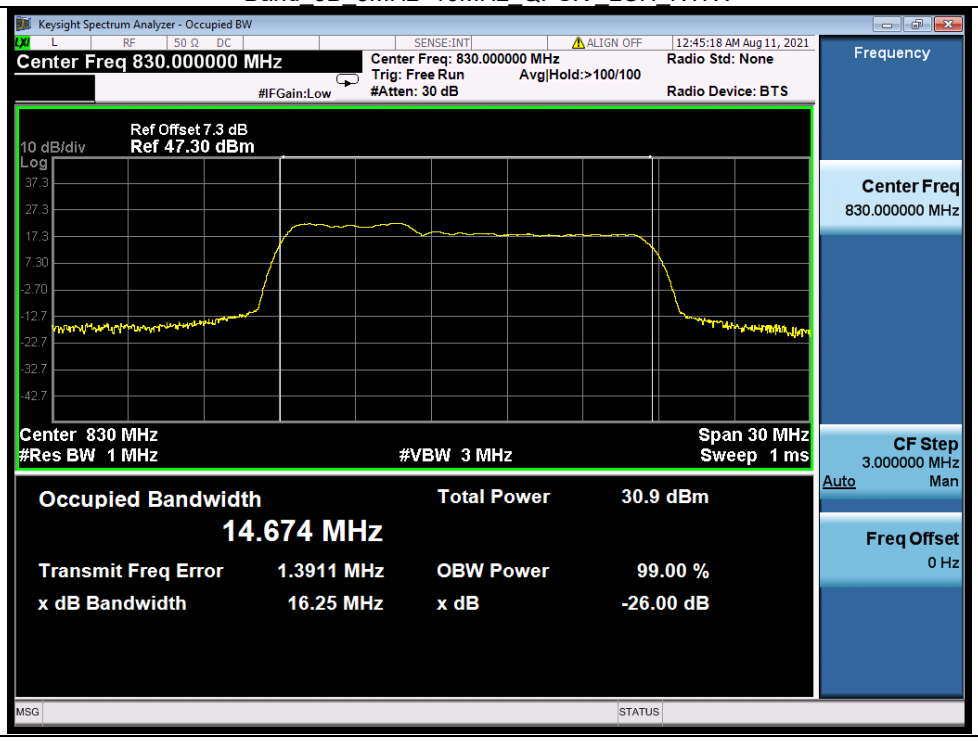
Band_5B_5MHz+3MHz _64QAM_MCH_NTNV



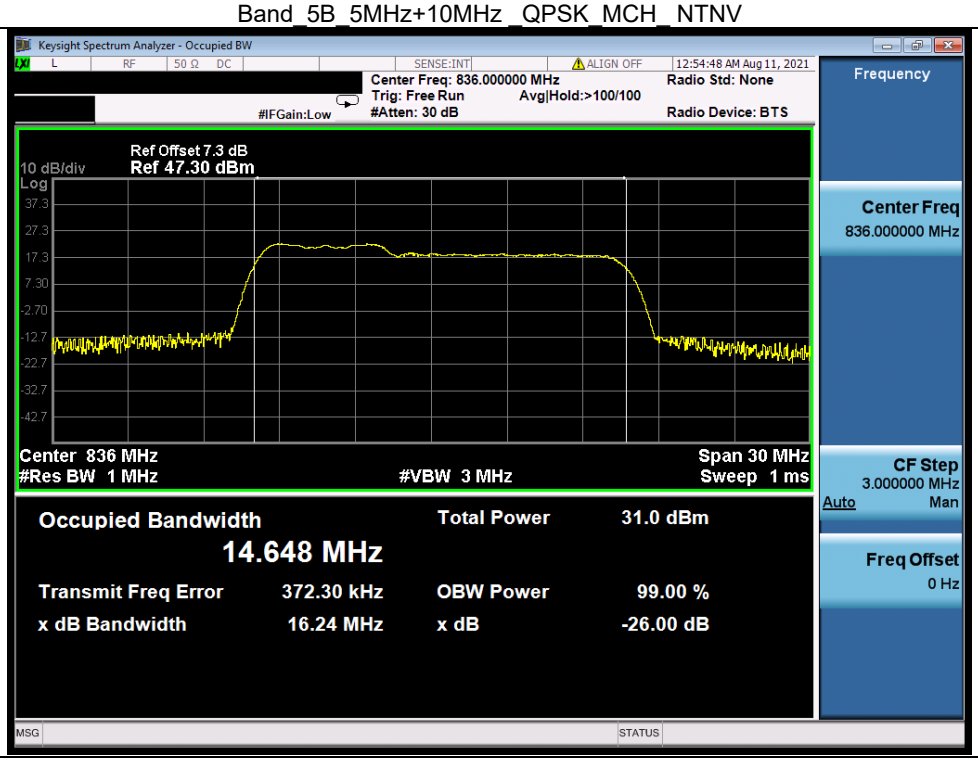
Band_5B_5MHz+3MHz_64QAM_HCH_NTNV



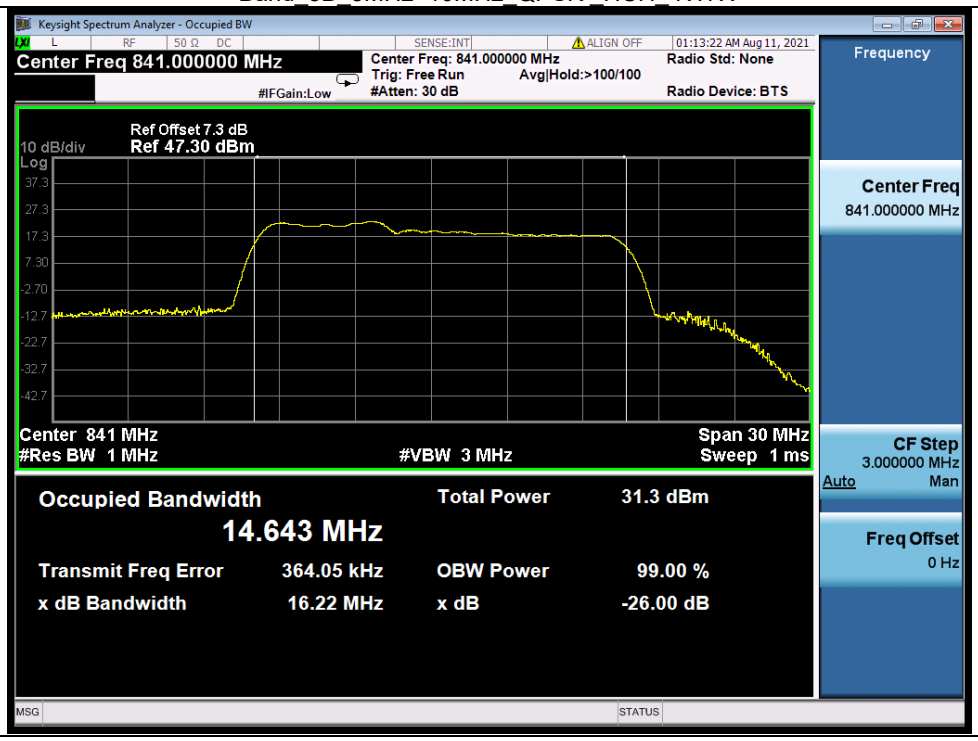
Band_5B_5MHz+10MHz_QPSK_LCH_NTNV



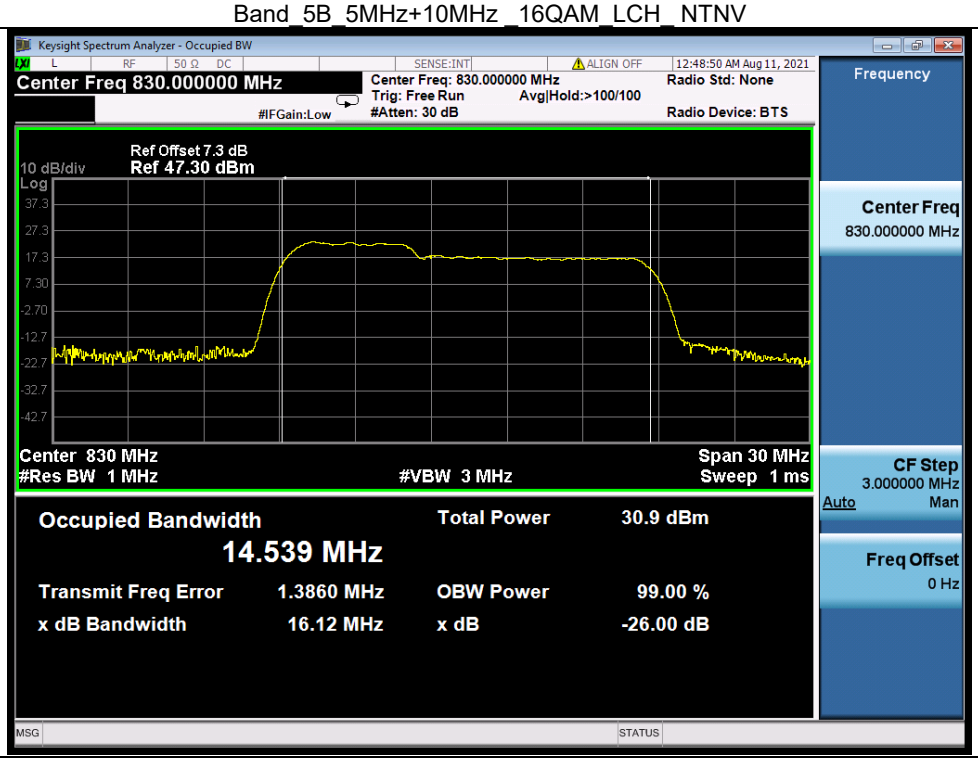
Band_5B_5MHz+10MHz_QPSK_MCH_NTNV



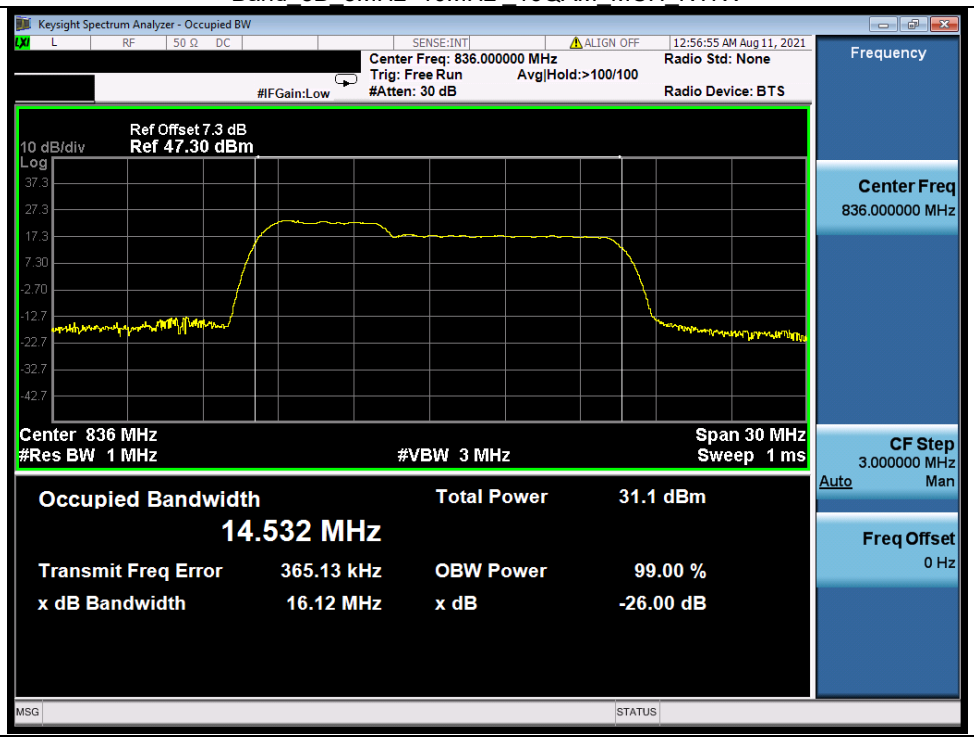
Band_5B_5MHz+10MHz_QPSK_HCH_NTNV



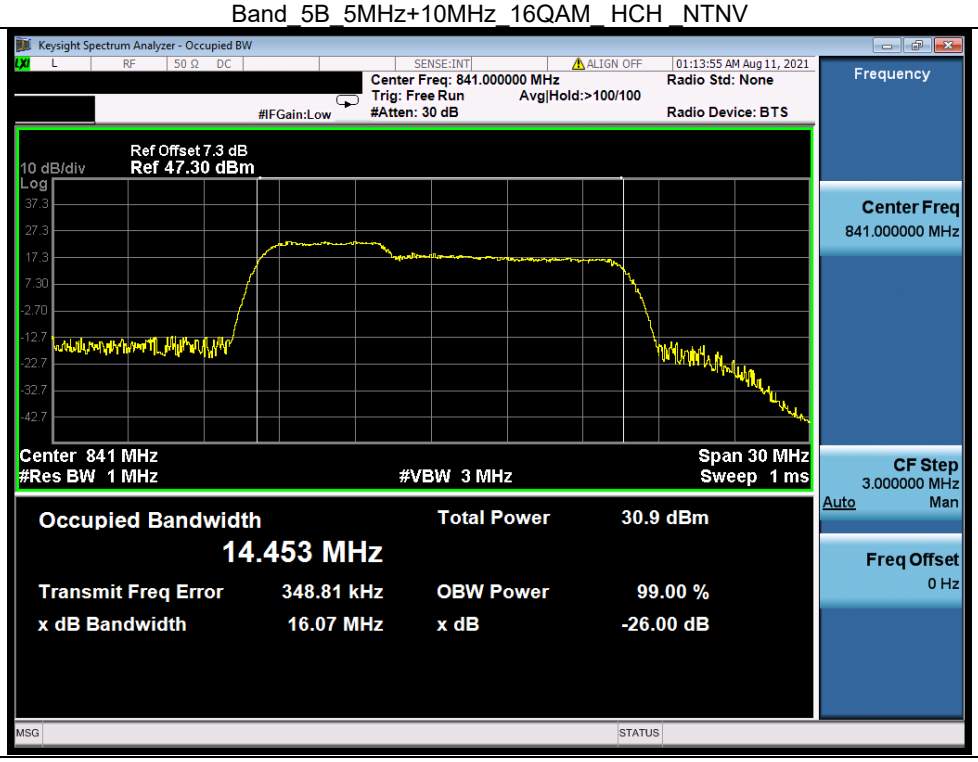
Band_5B_5MHz+10MHz_16QAM_LCH_NTNV



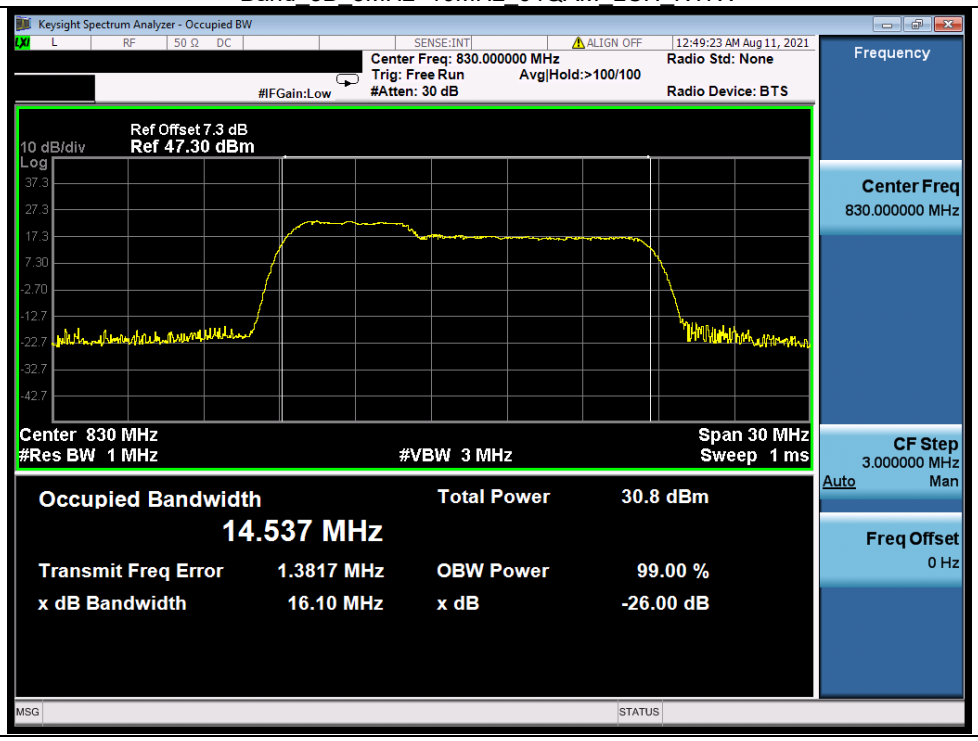
Band_5B_5MHz+10MHz_16QAM_MCH_NTNV



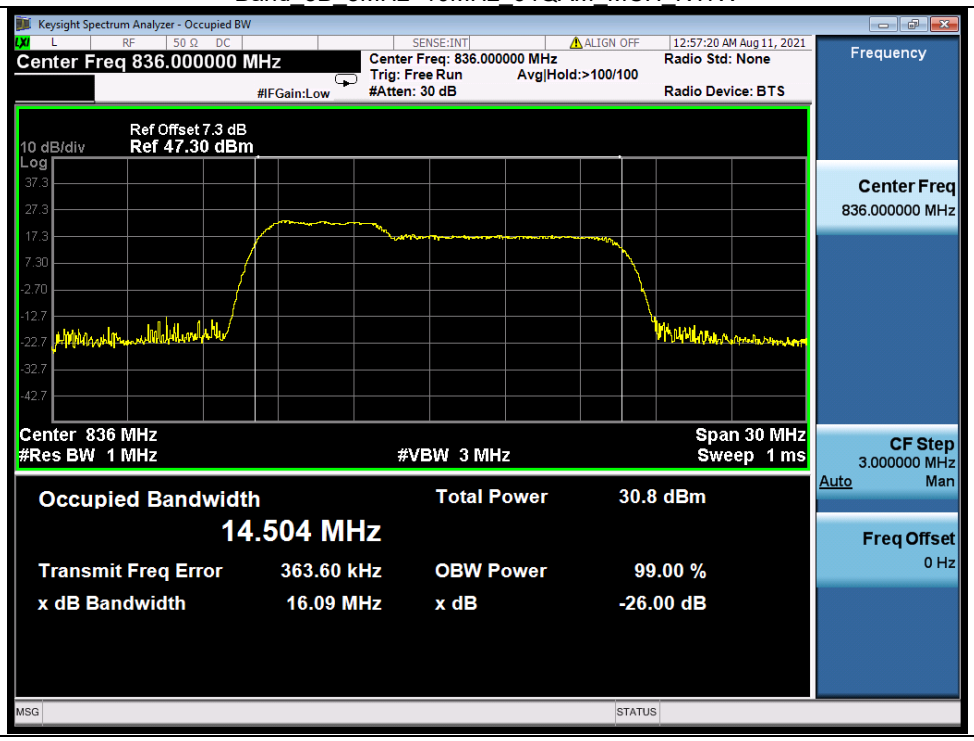
Band_5B_5MHz+10MHz_16QAM_HCH_NTNV



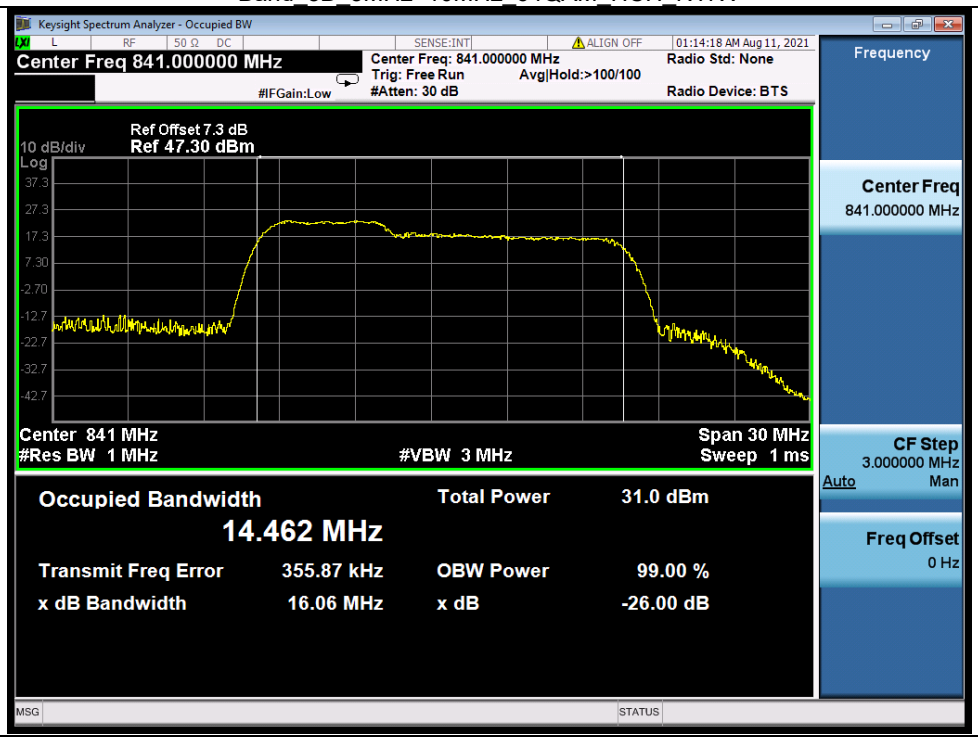
Band_5B_5MHz+10MHz_64QAM_LCH_NTNV



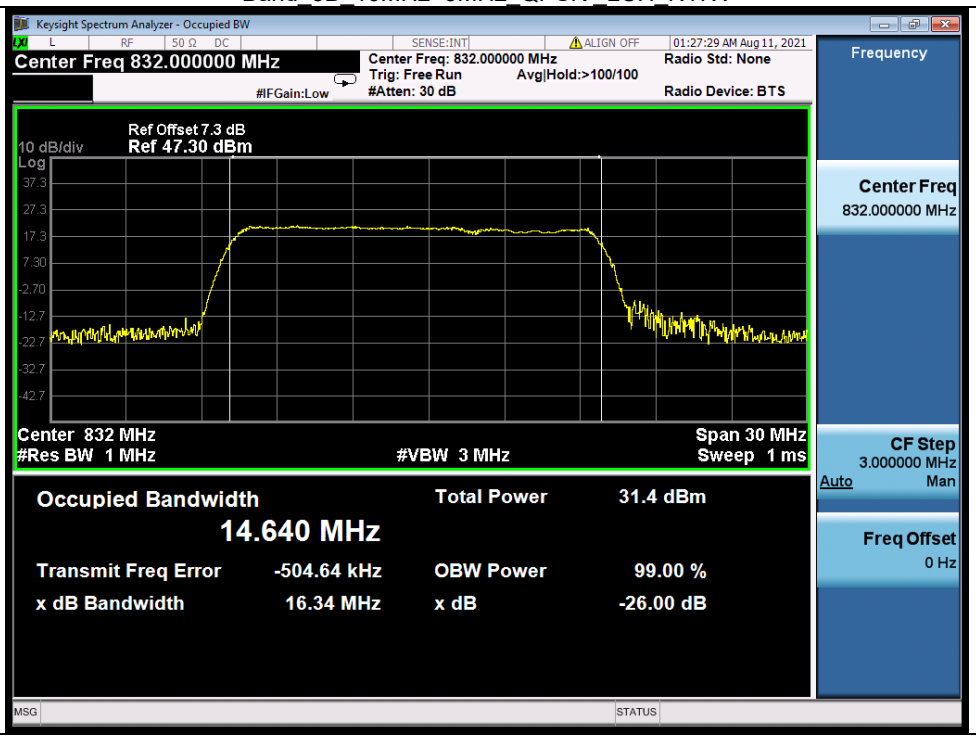
Band_5B_5MHz+10MHz_64QAM_MCH_NTNV



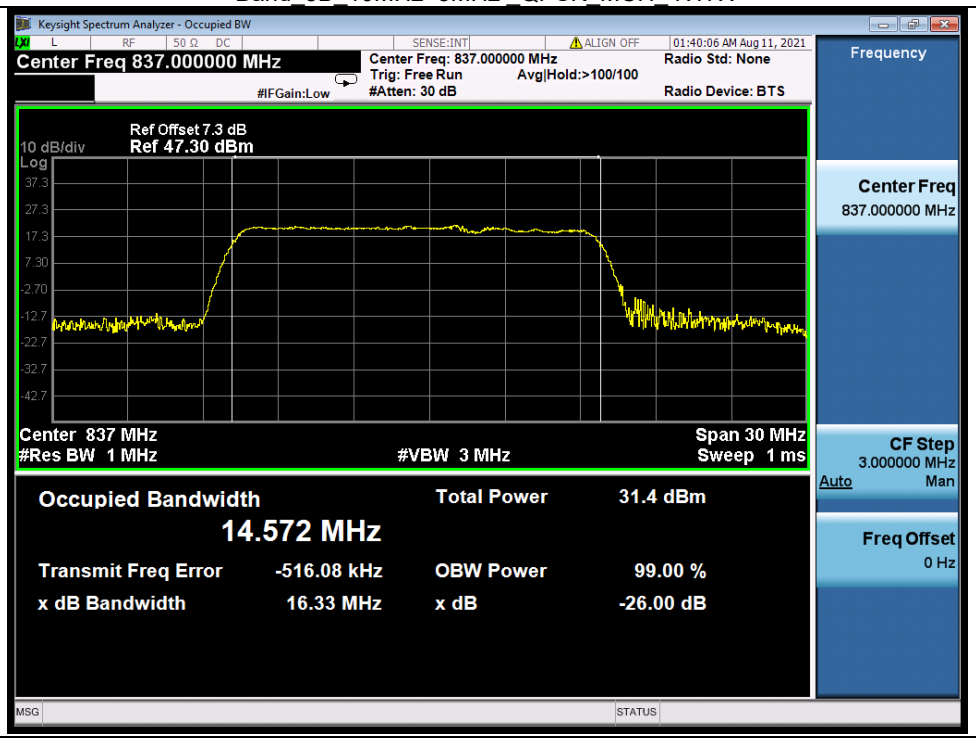
Band_5B_5MHz+10MHz_64QAM_HCH_NTNV



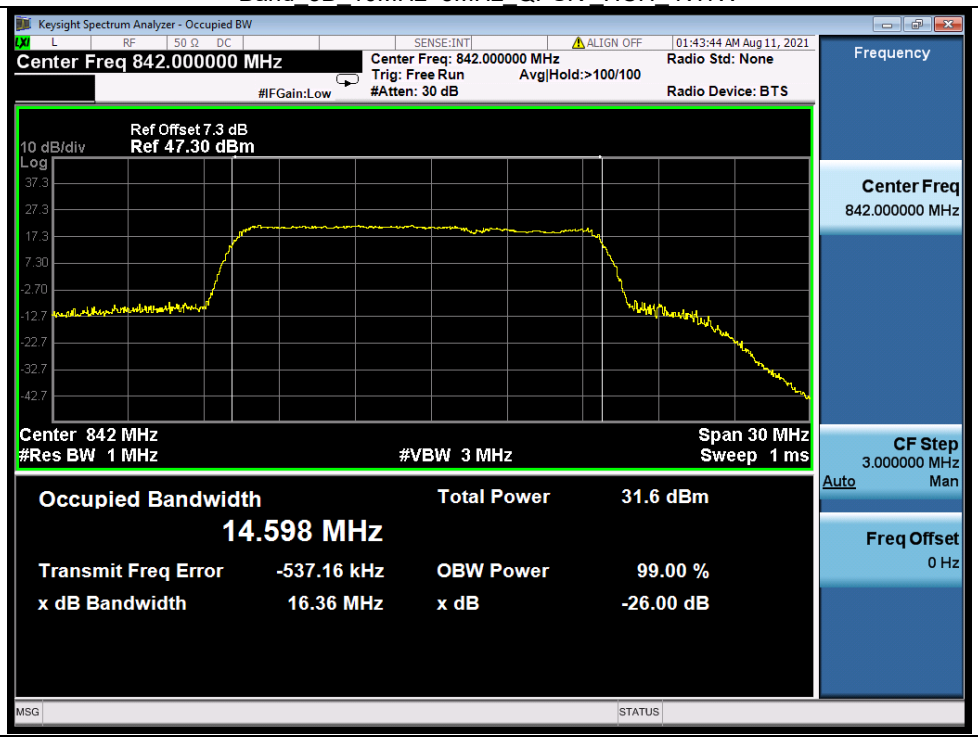
Band_5B_10MHz+5MHz_QPSK_LCH_NTNV



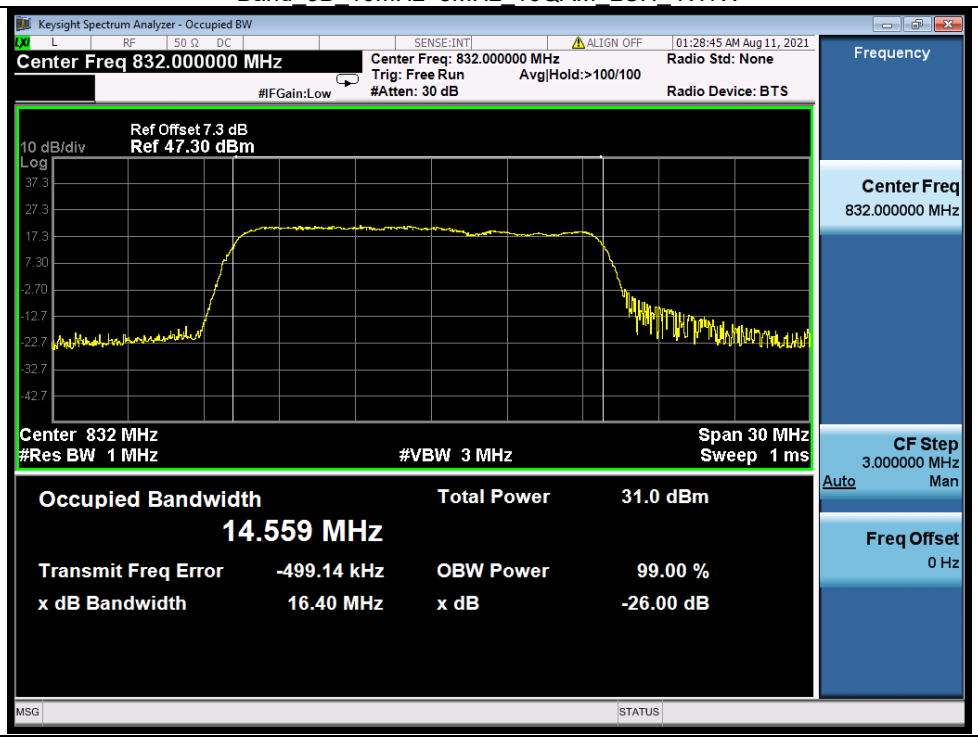
Band_5B_10MHz+5MHz_QPSK_MCH_NTNV



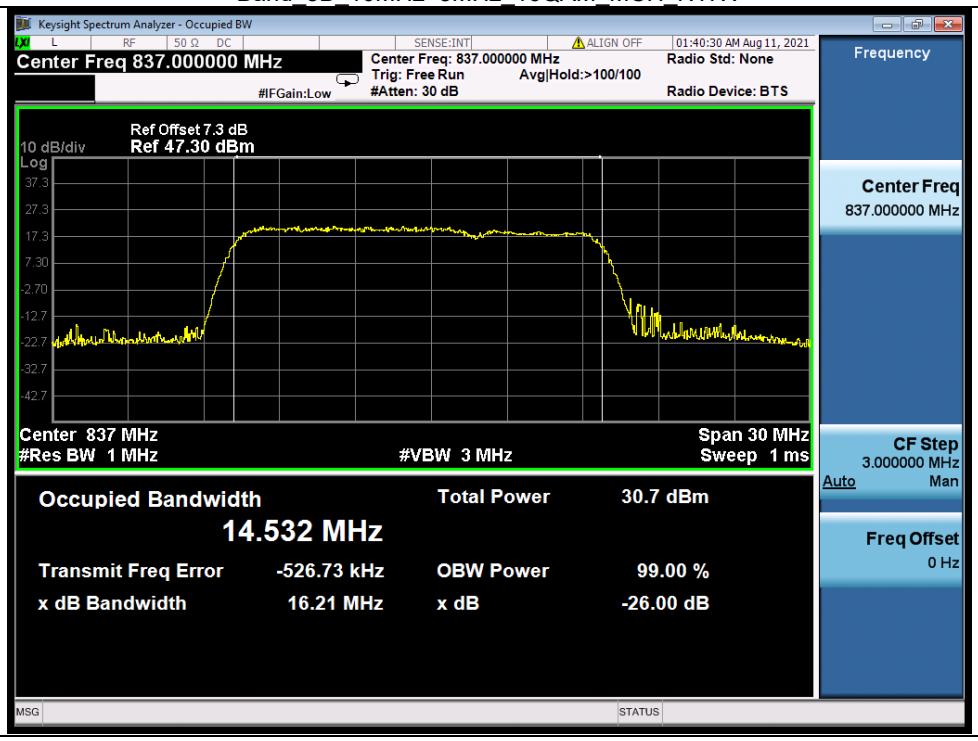
Band_5B_10MHz+5MHz_QPSK_HCH_NTNV



Band_5B_10MHz+5MHz_16QAM_LCH_NTNV



Band_5B_10MHz+5MHz_16QAM_MCH_NTNV



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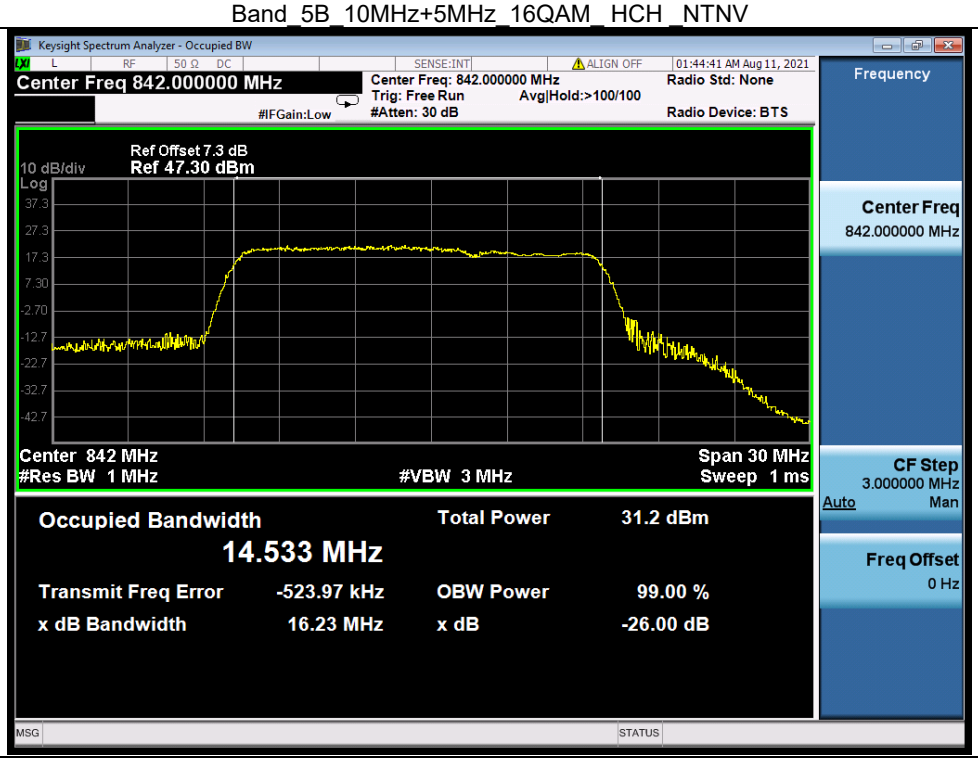
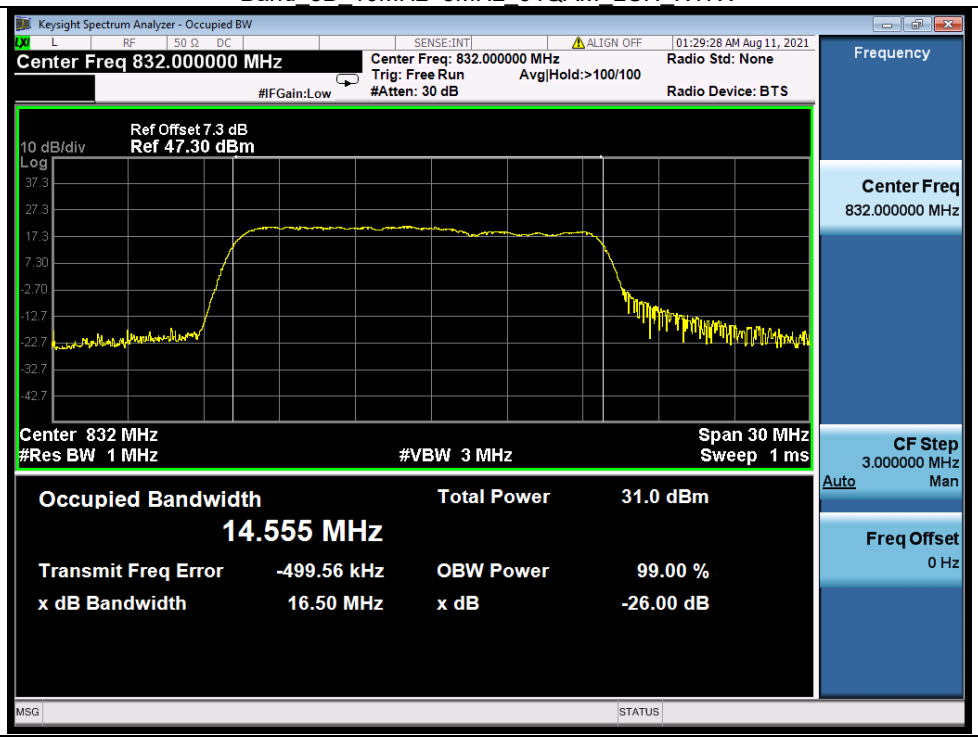
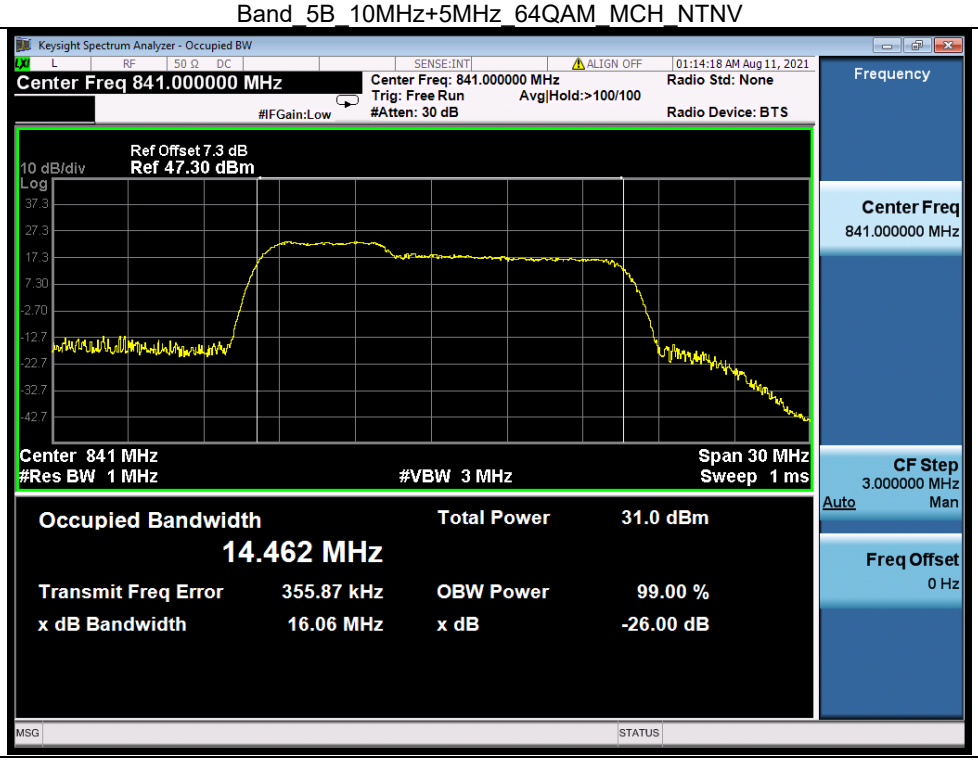


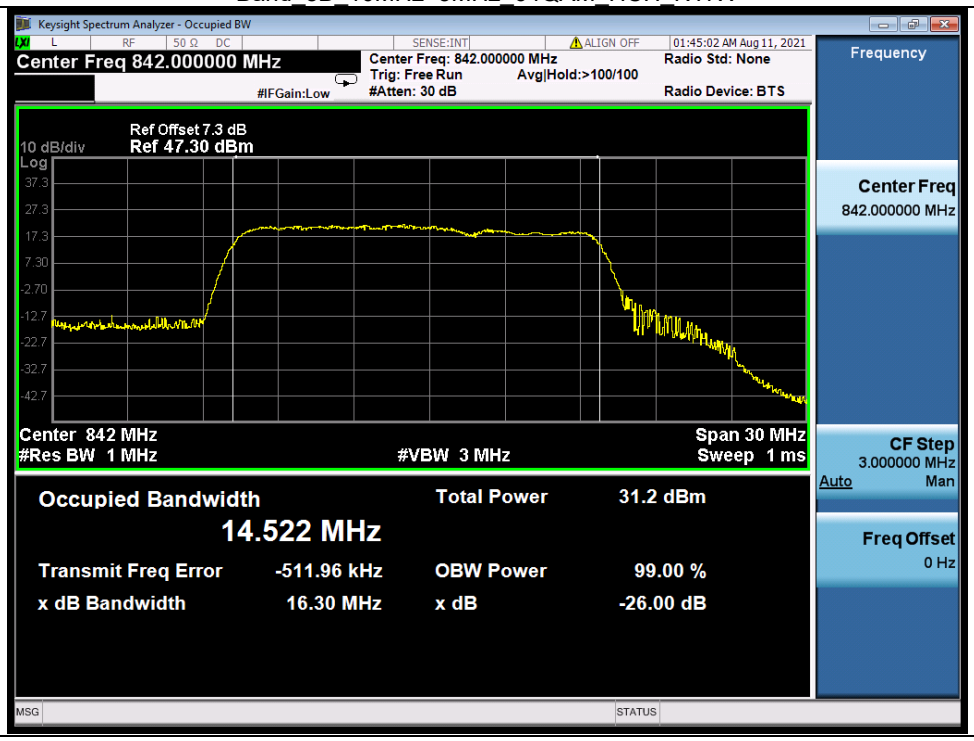
Band_5B_10MHz+5MHz_64QAM_LCH_NTNV



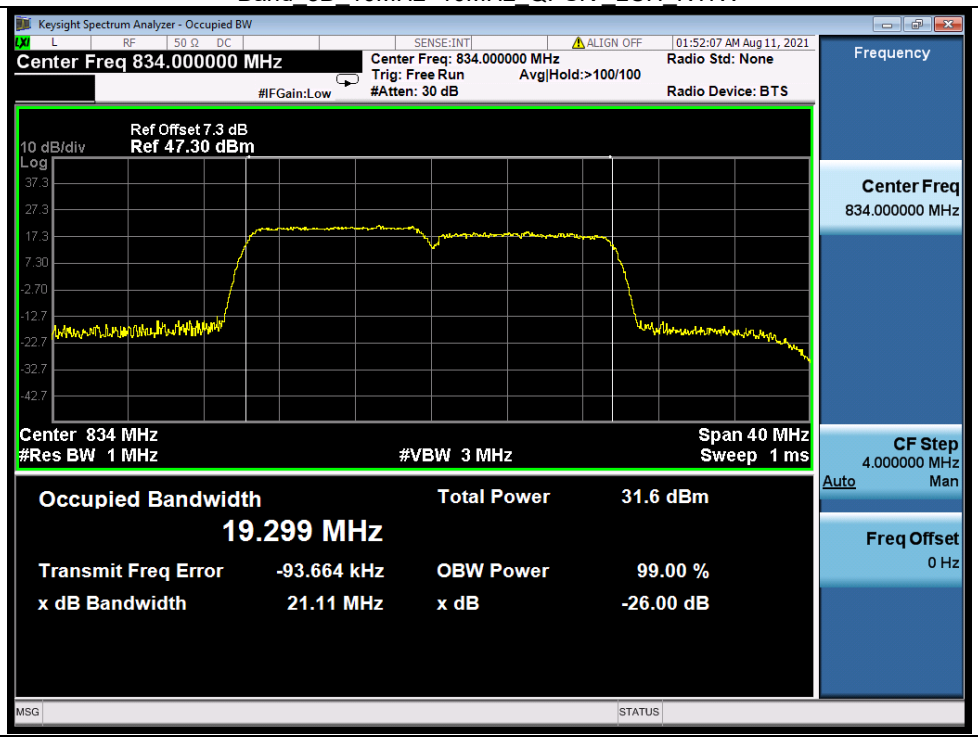
Band_5B_10MHz+5MHz_64QAM_MCH_NTNV



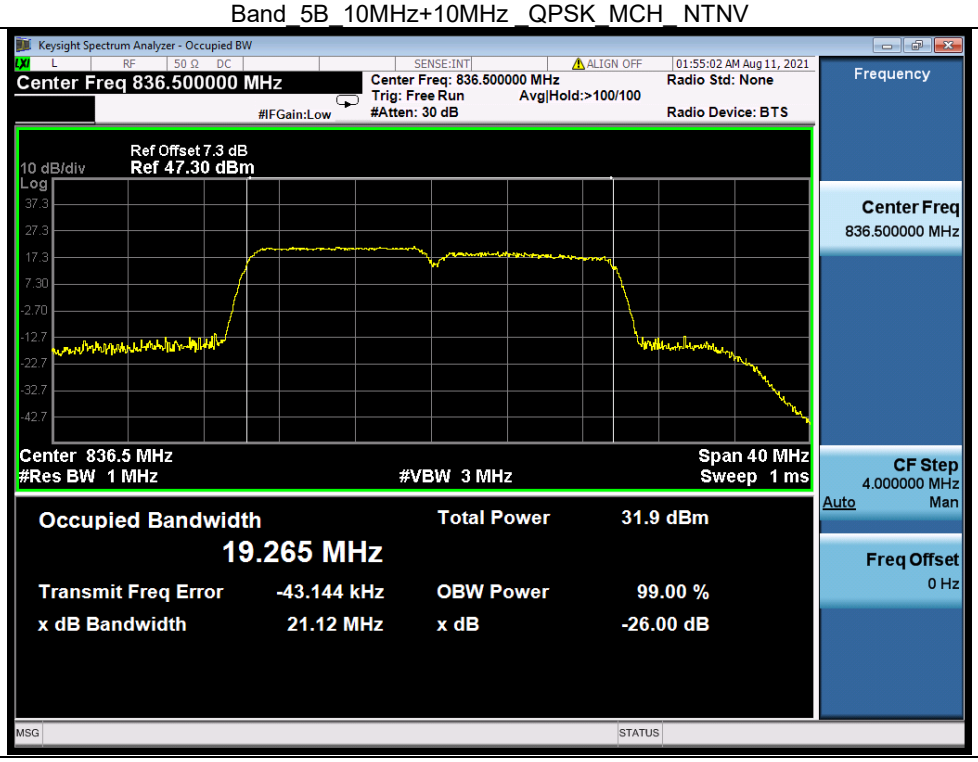
Band_5B_10MHz+5MHz_64QAM_HCH_NTNV



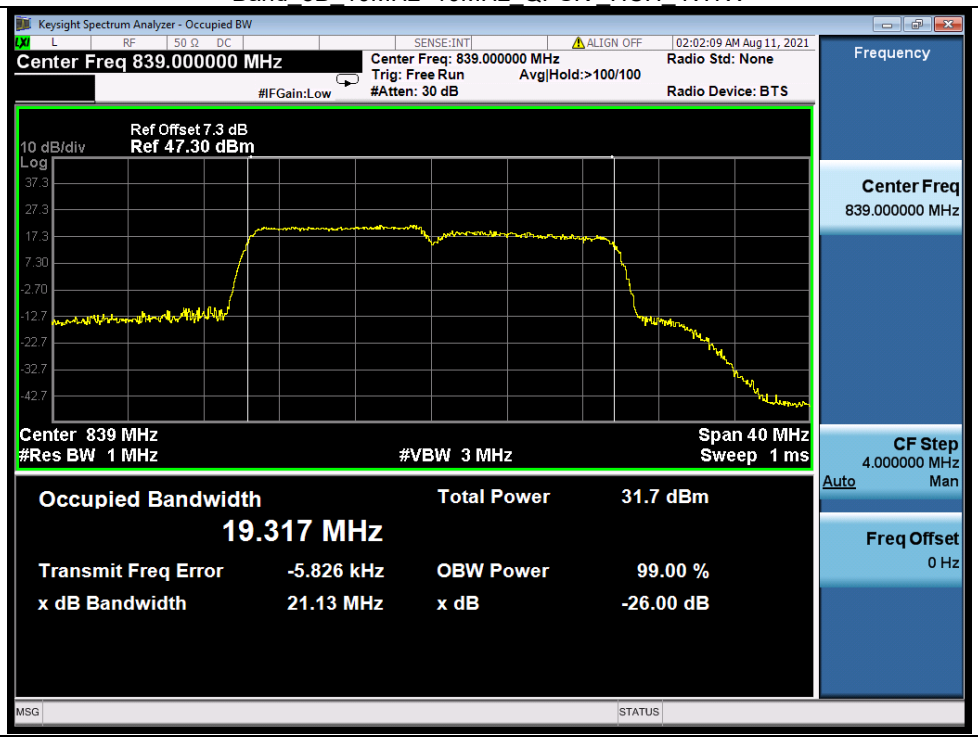
Band_5B_10MHz+10MHz_QPSK_LCH_NTNV



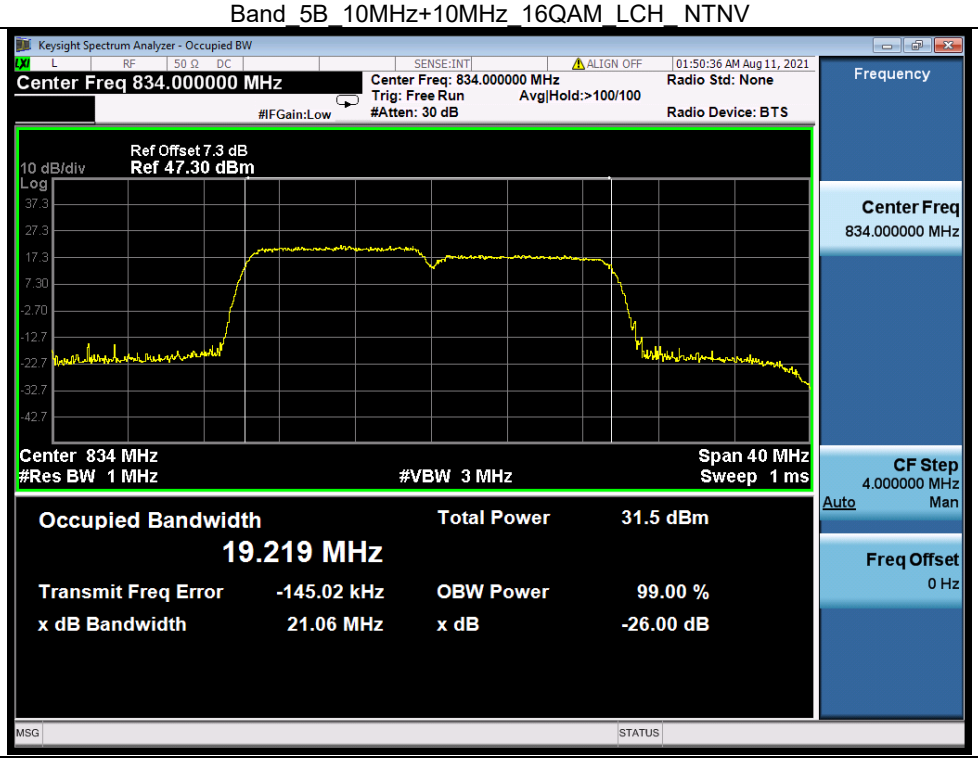
Band_5B_10MHz+10MHz_QPSK_MCH_NTNV



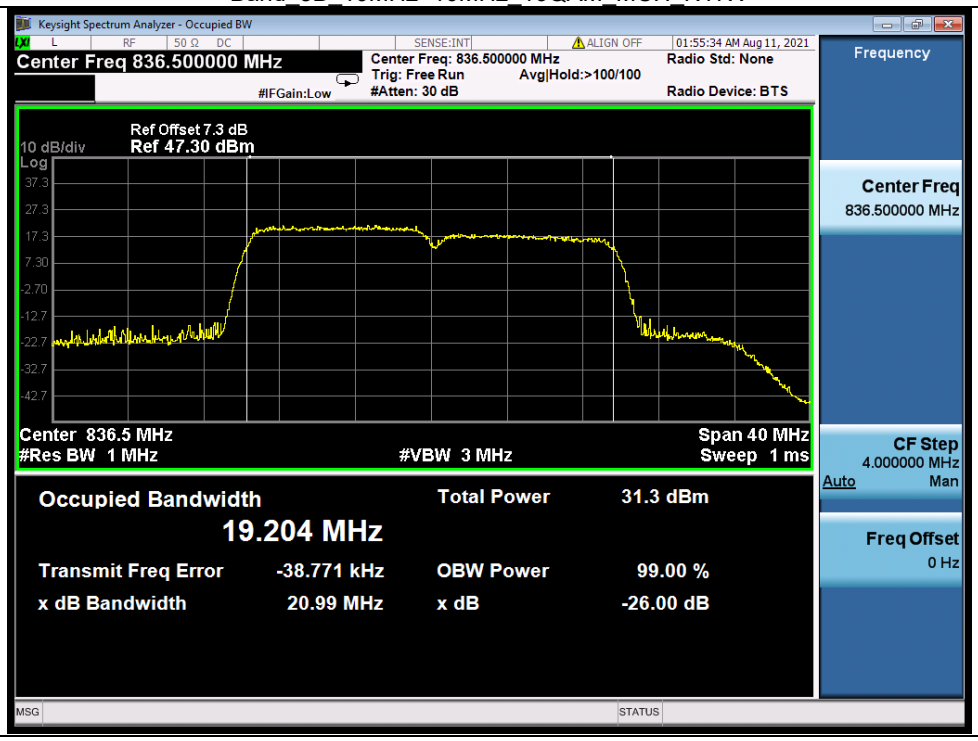
Band_5B_10MHz+10MHz_QPSK_HCH_NTNV



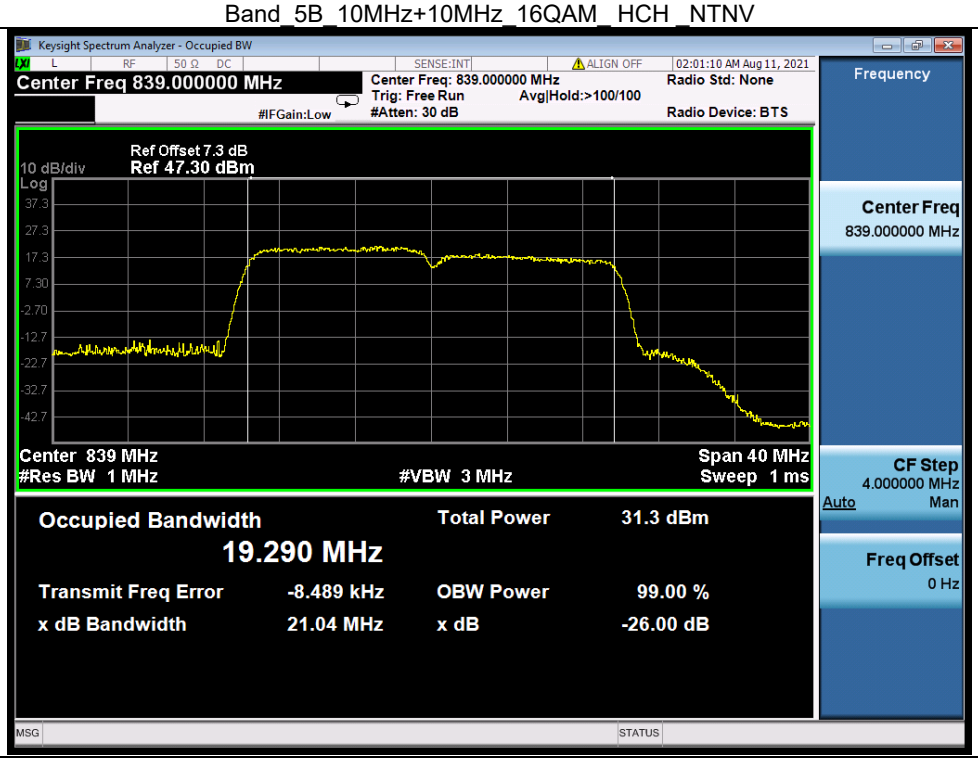
Band_5B_10MHz+10MHz_16QAM_LCH_NTNV



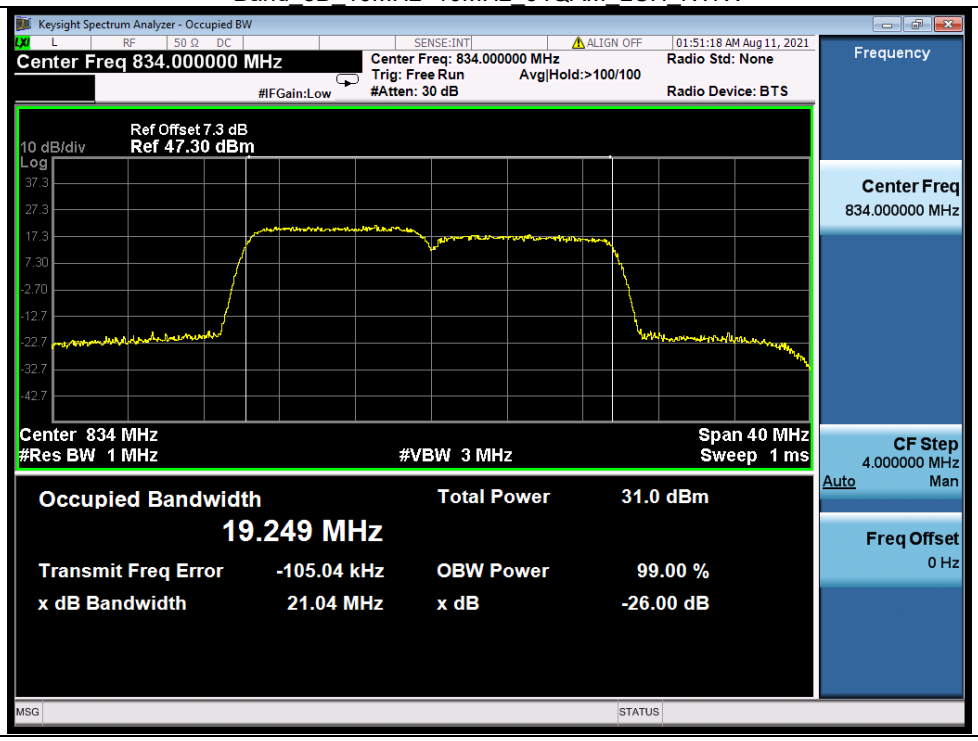
Band_5B_10MHz+10MHz_16QAM_MCH_NTNV



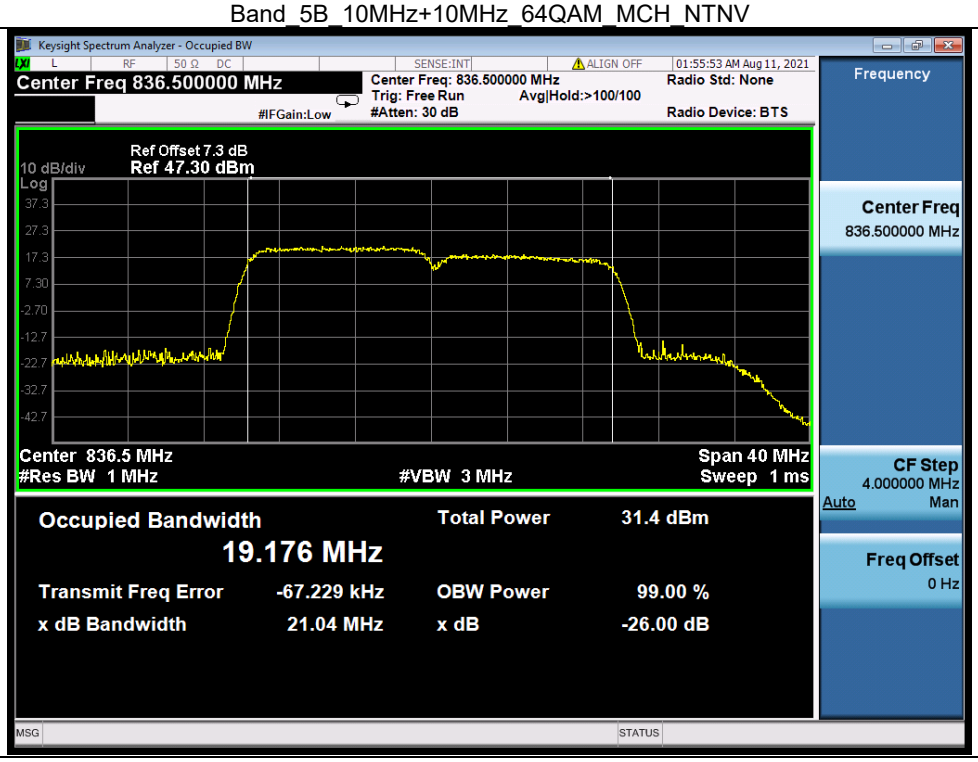
Band_5B_10MHz+10MHz_16QAM_HCH_NTNV



Band_5B_10MHz+10MHz_64QAM_LCH_NTNV



Band_5B_10MHz+10MHz_64QAM_MCH_NTNV



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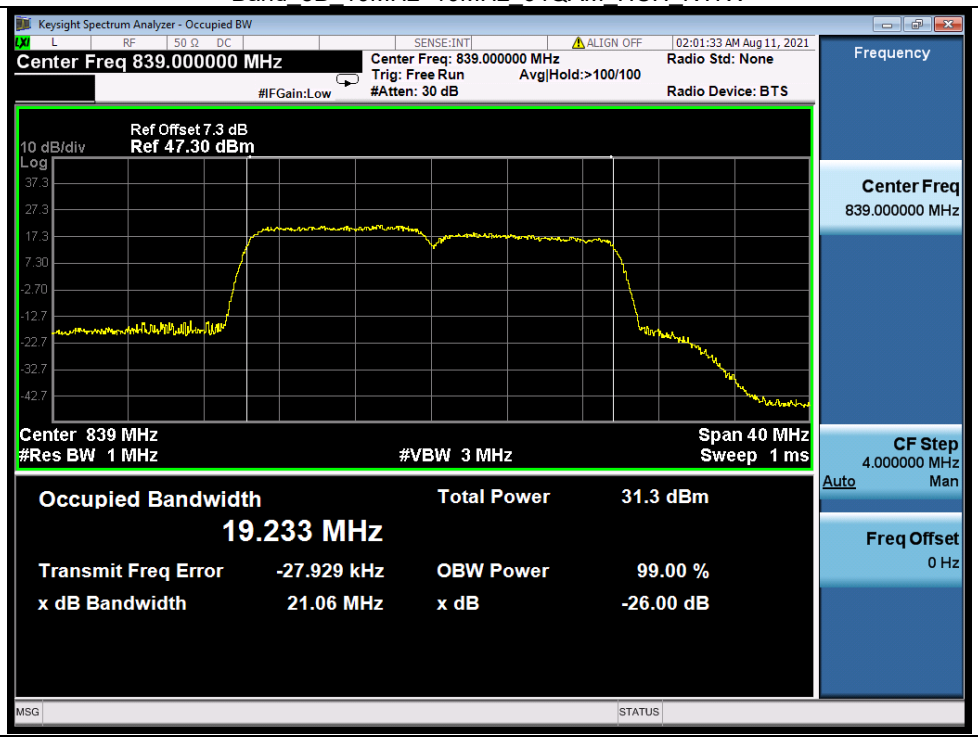
Band_5B_10MHz+10MHz_64QAM_HCH_NTNV



3. Peak-Average Ratio

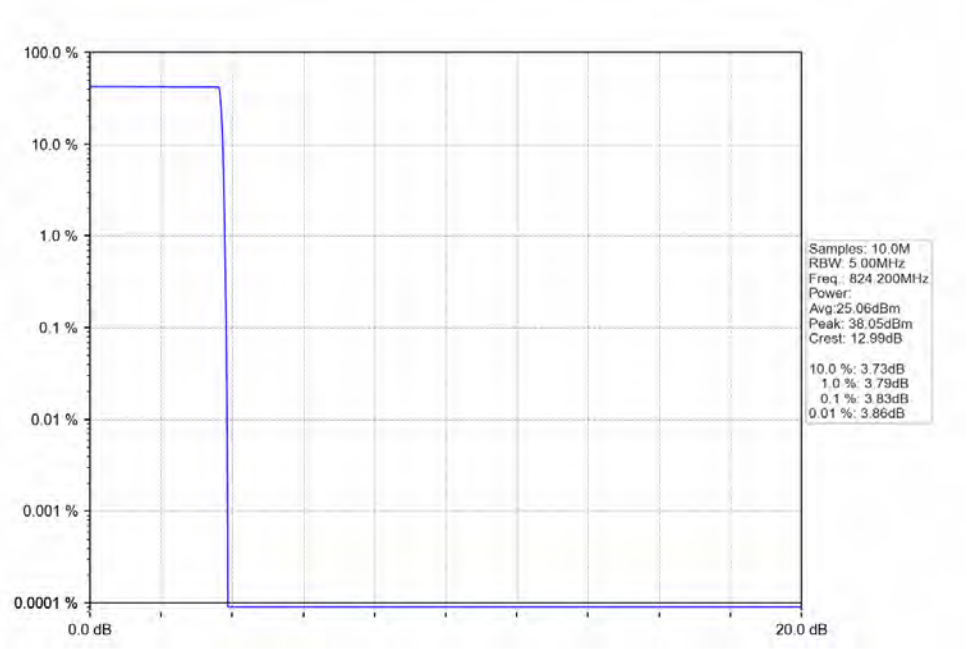
3.1 GSM850

3.1.1 Test Result

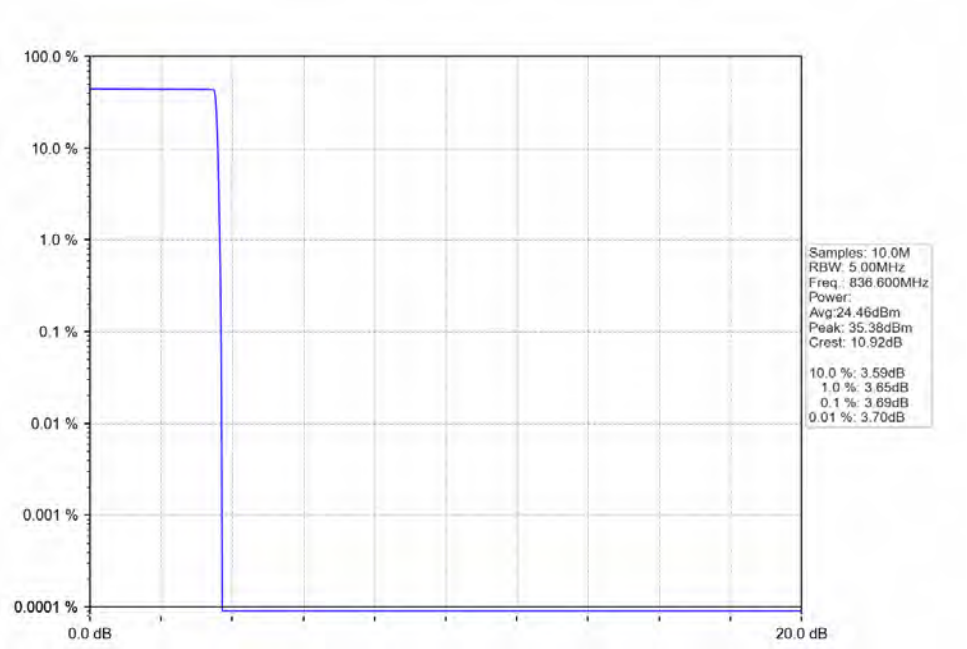
Band: GSM850							
ENV	Mode		Peak-Average Ratio (dB)				Verdict
	Network	Subset	LCH	MCH	HCH	Limit	
NTNV	GPRS	/	3.83	3.69	3.66	<=13	Pass
	EGPRS	/	8.88	7.84	7.87	<=13	Pass

3.1.2 Test Graph

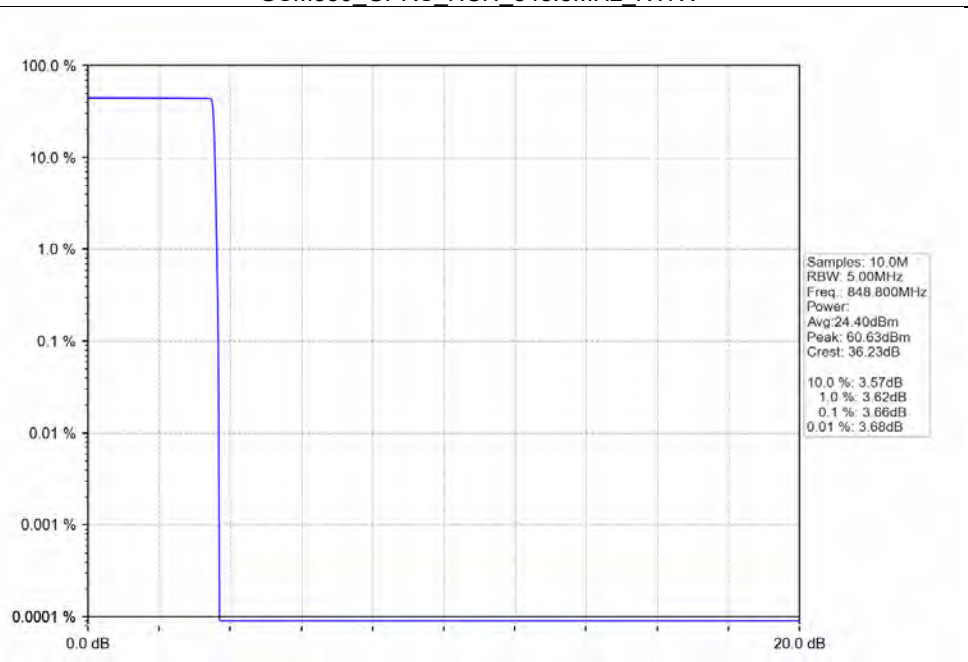
GSM850_GPRS_LCH_824.2MHz_NTNV



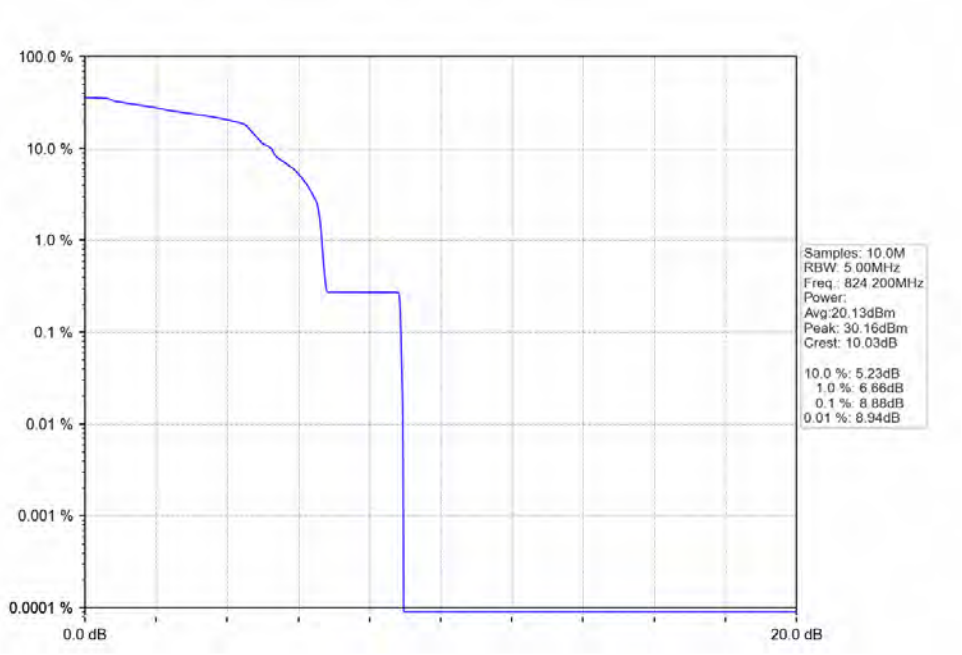
GSM850_GPRS_MCH_836.6MHz_NTNV



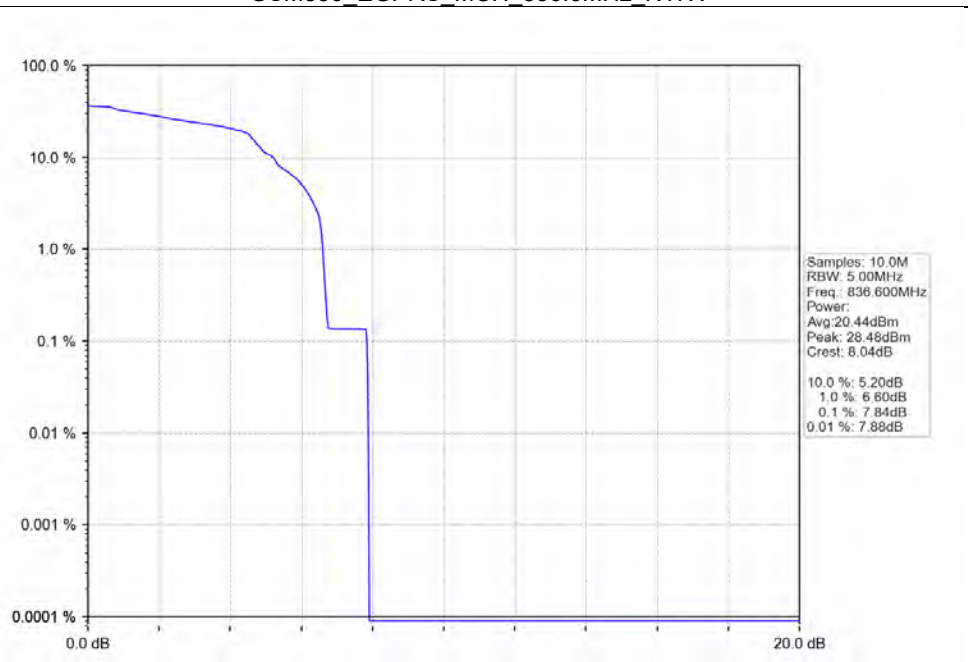
GSM850_GPRS_HCH_848.8MHz_NTNV



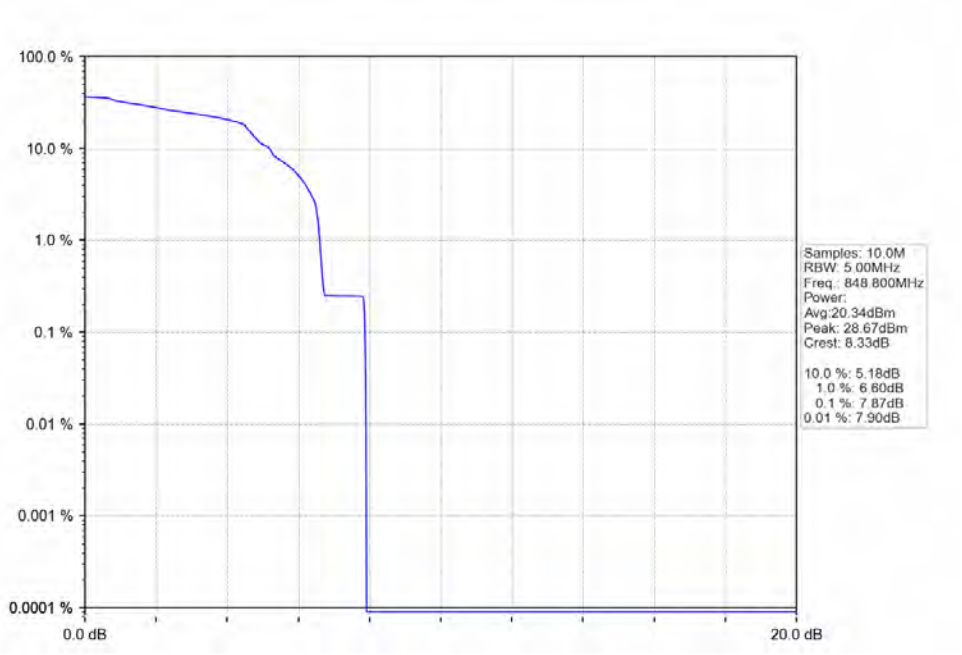
GSM850_EGPRS_LCH_824.2MHz_NTNV



GSM850_EGPRS_MCH_836.6MHz_NTNV



GSM850_EGPRS_HCH_848.8MHz_NTNV



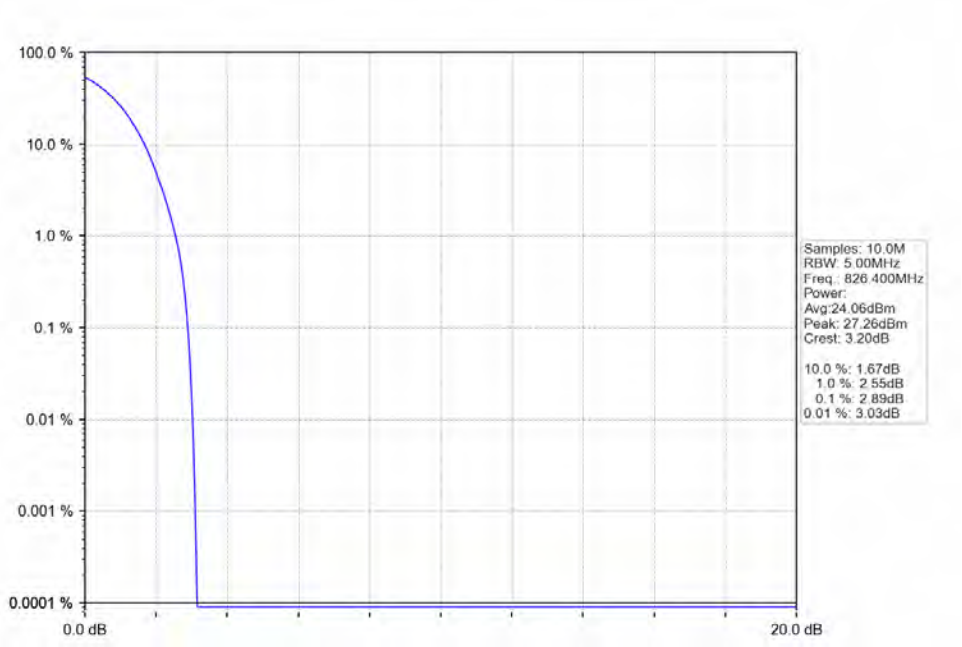
3.2 WCDMA_Band5

3.2.1 Test Result

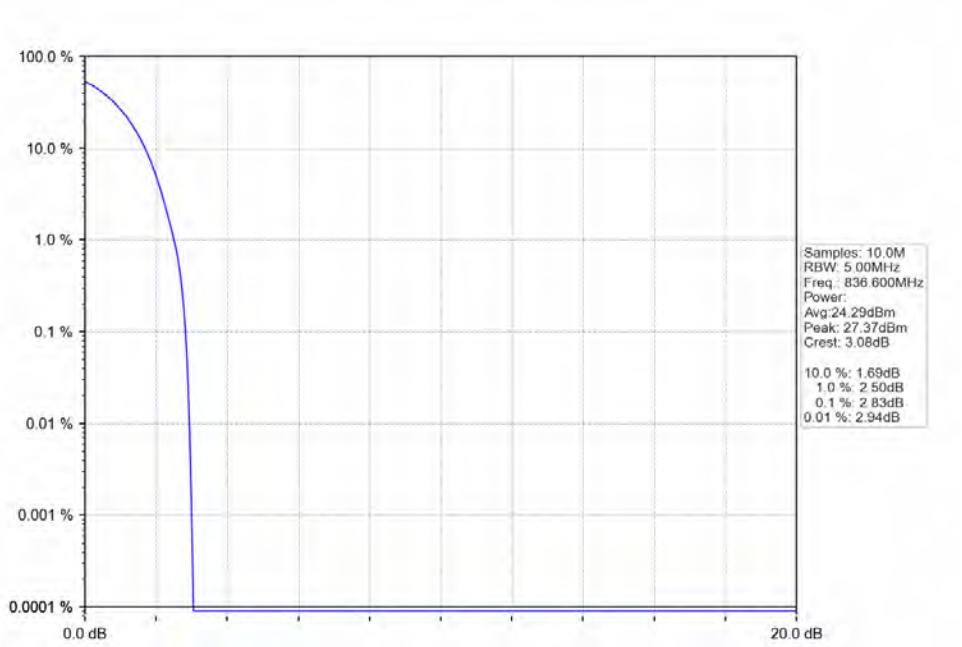
Band: 5							
ENV	Mode		Peak-Average Ratio (dB)				Verdict
	Network	Subset	LCH	MCH	HCH	Limit	
NTNV	RMC	4.0.2kbps RMC	2.89	2.83	2.81	<=13	Pass

3.2.2 Test Graph

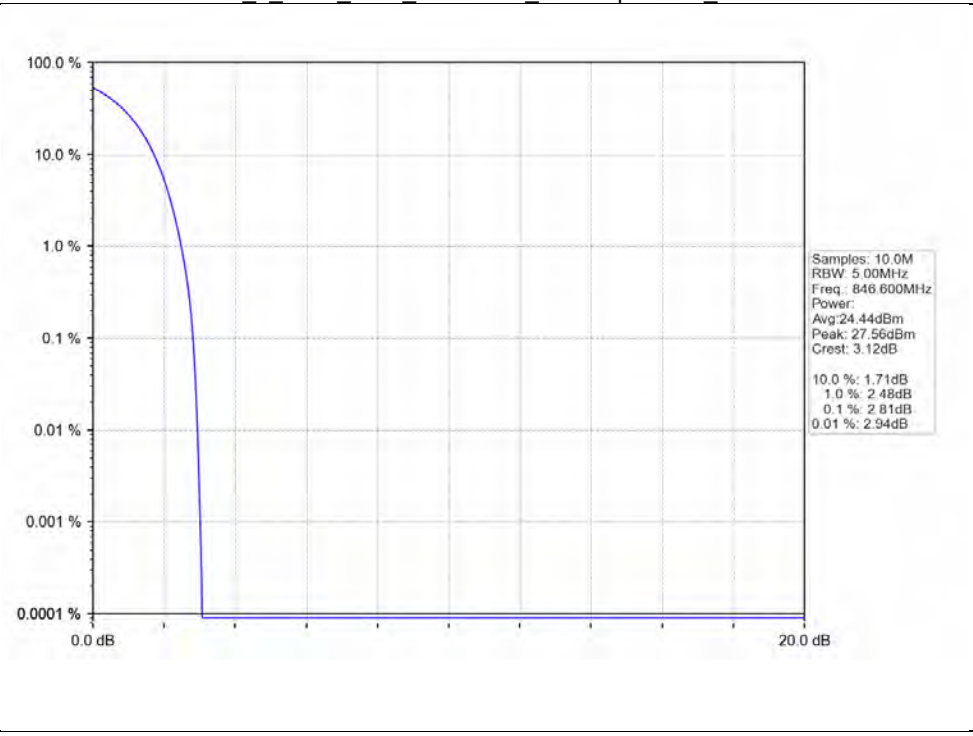
Band_5_RMC_LCH_826.4MHz_4.0.2kbps RMC_NTNV



Band_5_RMC_MCH_836.6MHz_4.0.2kbps RMC_NTNV



Band_5_RMC_HCH_846.6MHz_4.0.2kbps RMC_NTNV



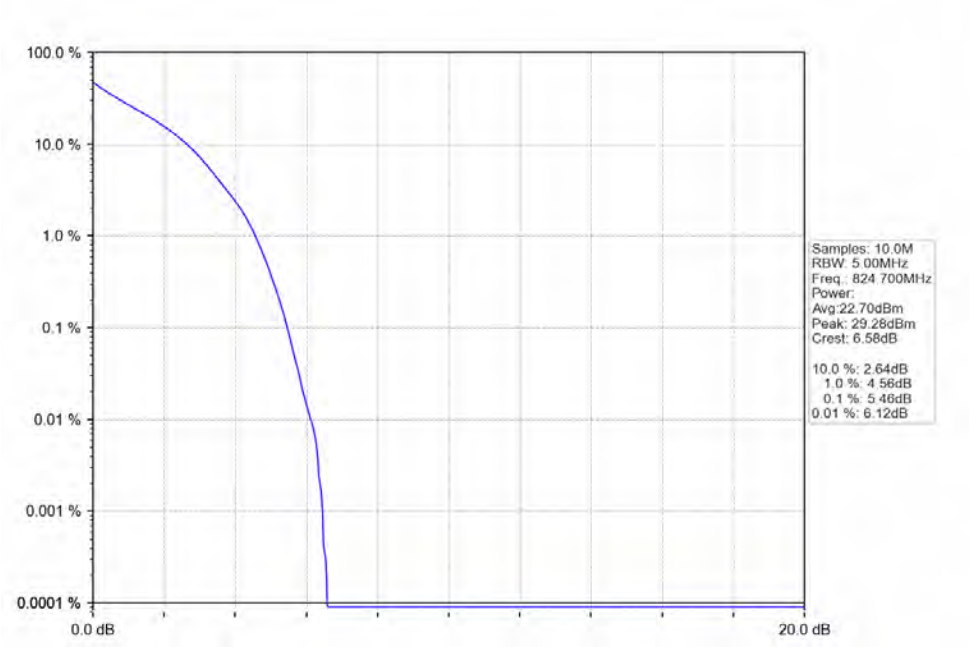
3.3 LTE Band_5

3.3.1 Test Result

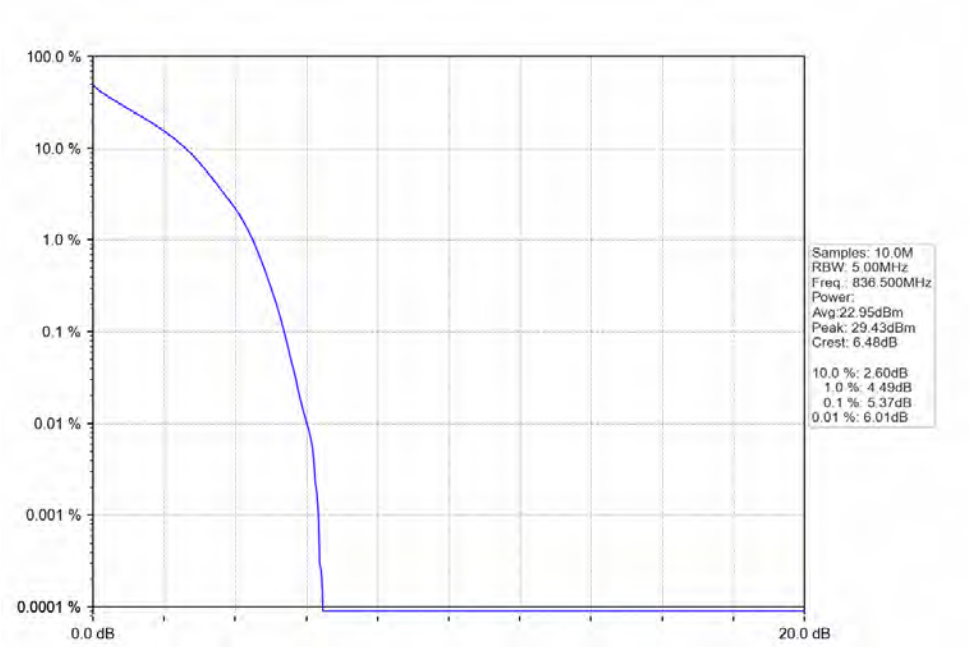
Band: 5 / Bandwidth: 1.4MHz / NTNV							
Modulation	RB Allocation		Peak-Average Ratio (dB)				Verdict
	Size	Offset	LCH	MCH	HCH	Limit	
QPSK	6	0	5.46	5.37	5.40	<=13	Pass
16QAM	6	0	6.14	6.07	6.4.0	<=13	Pass
64QAM	6	0	6.21	6.15	6.4.0	<=13	Pass
Band: 5 / Bandwidth: 3MHz / NTNV							
Modulation	RB Allocation		Peak-Average Ratio (dB)				Verdict
	Size	Offset	LCH	MCH	HCH	Limit	
QPSK	15	0	5.29	5.27	5.24	<=13	Pass
16QAM	15	0	6.05	6.02	6.03	<=13	Pass
64QAM	15	0	6.06	6.01	6.07	<=13	Pass
Band: 5 / Bandwidth: 5MHz / NTNV							
Modulation	RB Allocation		Peak-Average Ratio (dB)				Verdict
	Size	Offset	LCH	MCH	HCH	Limit	
QPSK	25	0	5.29	5.35	5.38	<=13	Pass
16QAM	25	0	6.00	6.03	6.06	<=13	Pass
64QAM	25	0	6.03	6.04	6.02	<=13	Pass
Band: 5 / Bandwidth: 10MHz / NTNV							
Modulation	RB Allocation		Peak-Average Ratio (dB)				Verdict
	Size	Offset	LCH	MCH	HCH	Limit	
QPSK	50	0	4.61	4.59	4.57	<=13	Pass
16QAM	50	0	6.07	5.97	5.87	<=13	Pass
64QAM	50	0	6.07	5.97	5.88	<=13	Pass

3.3.2 Test Graph

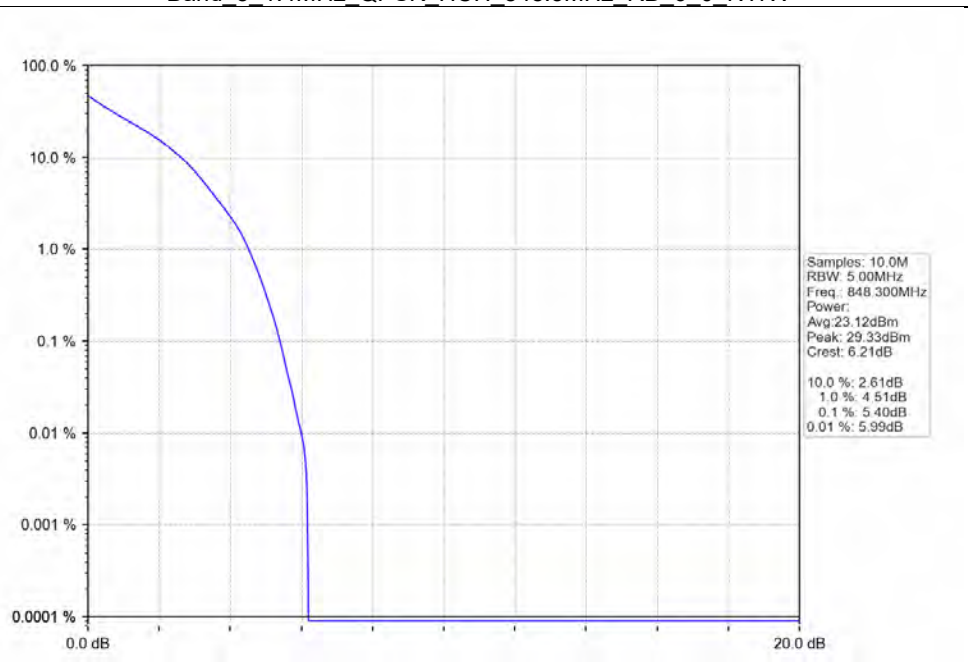
Band_5_1.4MHz_QPSK_LCH_824.7MHz_RB_6_0_NTNV



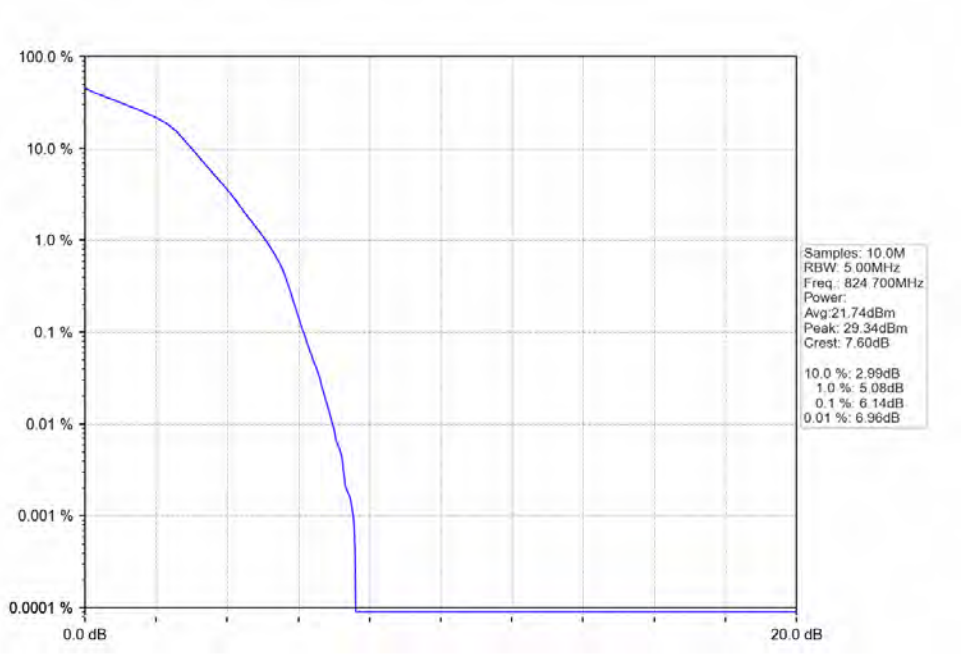
Band_5_1.4MHz_QPSK_MCH_836.5MHz_RB_6_0_NTNV



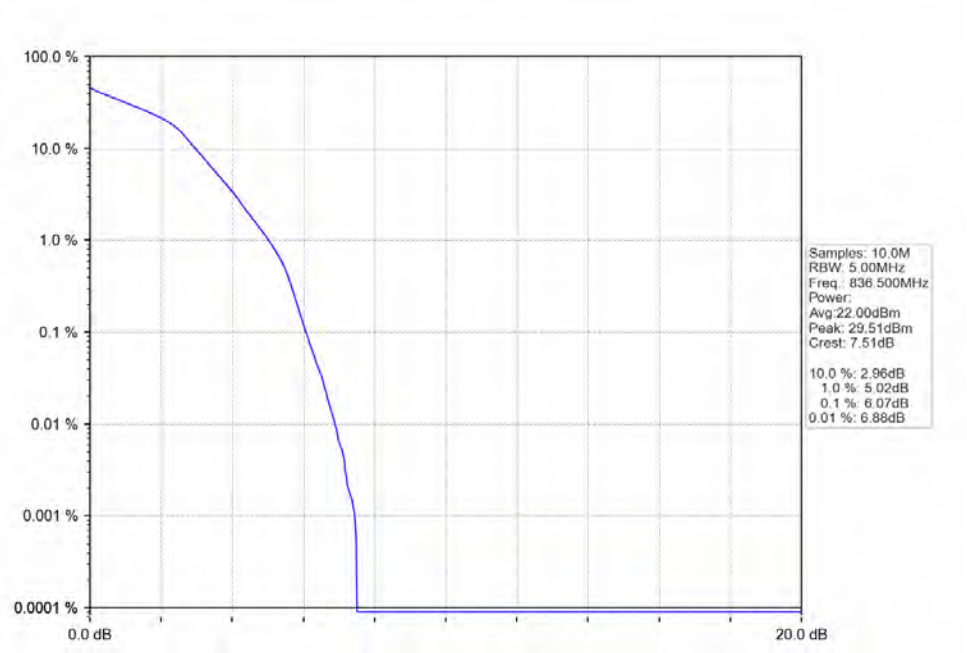
Band_5_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV



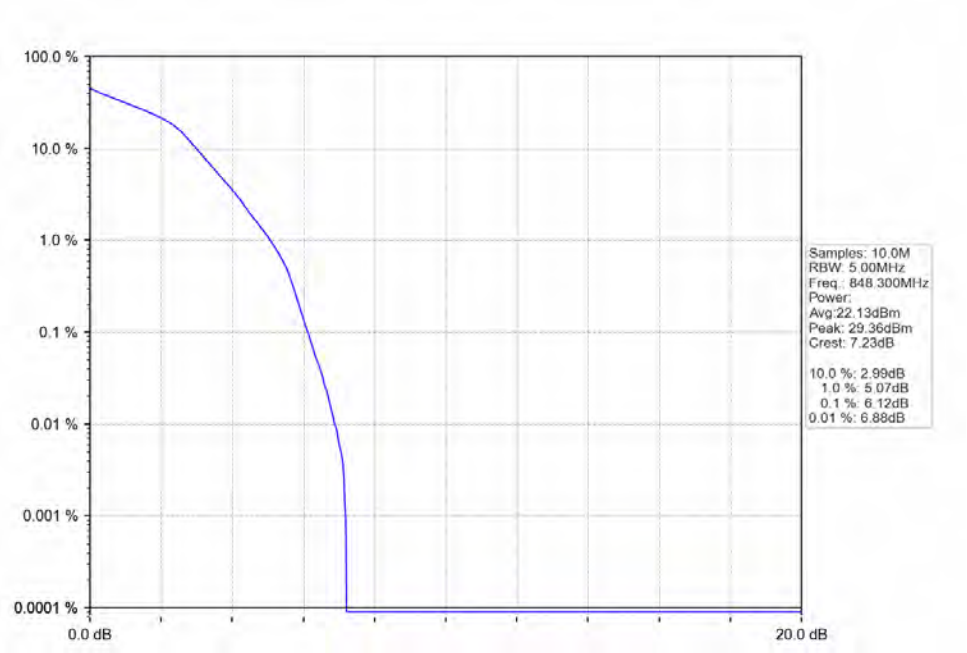
Band_5_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV



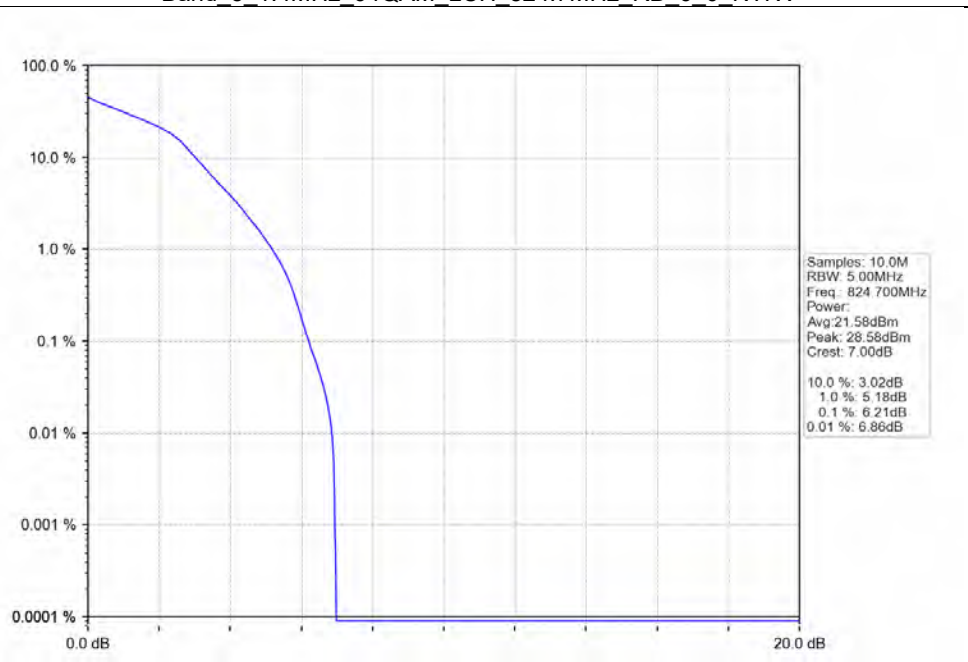
Band_5_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV



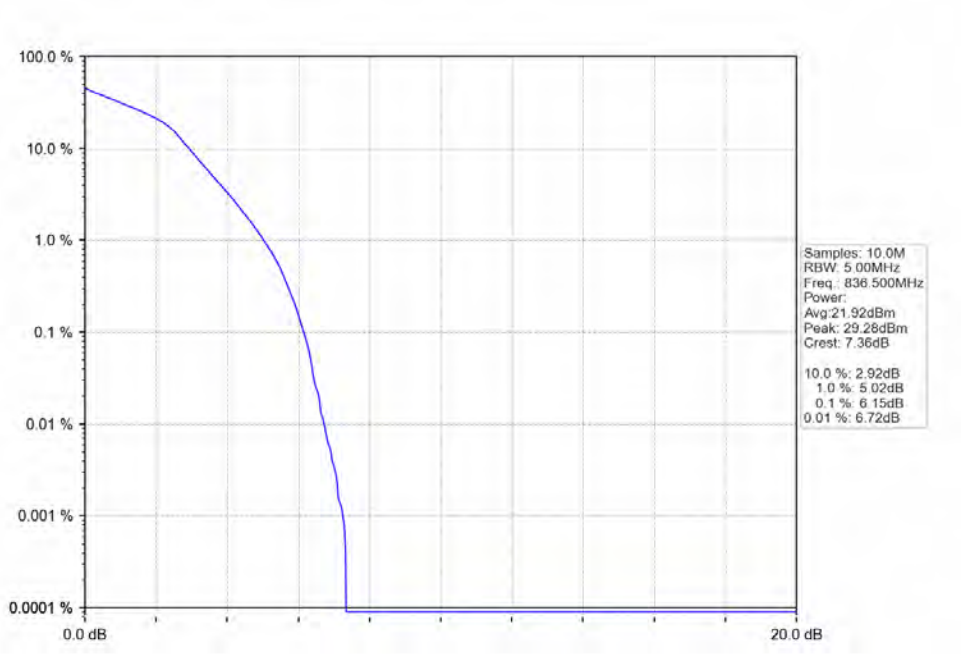
Band_5_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV



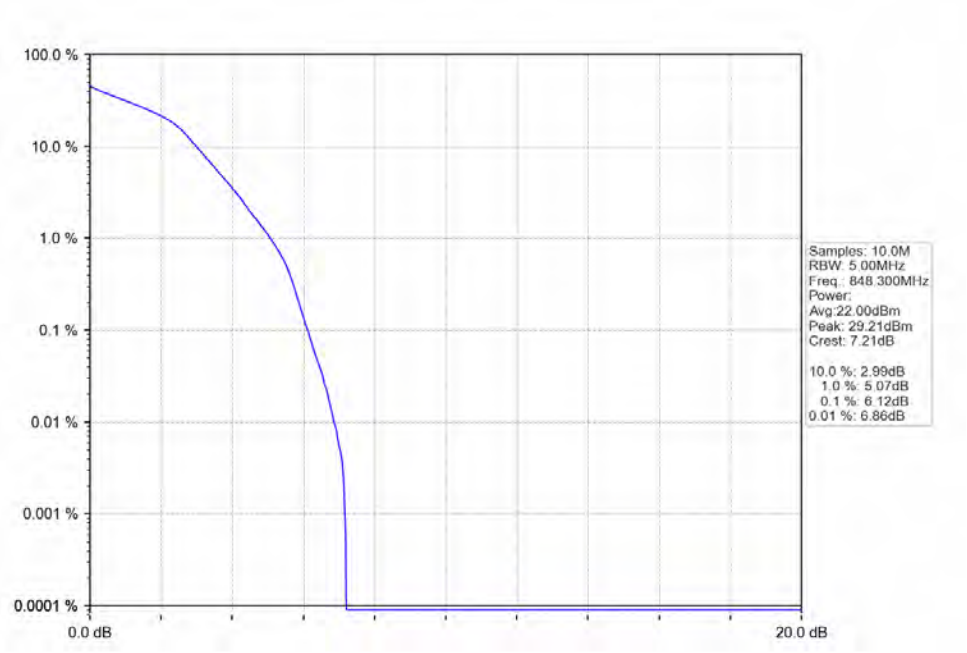
Band_5_1.4MHz_64QAM_LCH_824.7MHz_RB_6_0_NTNV



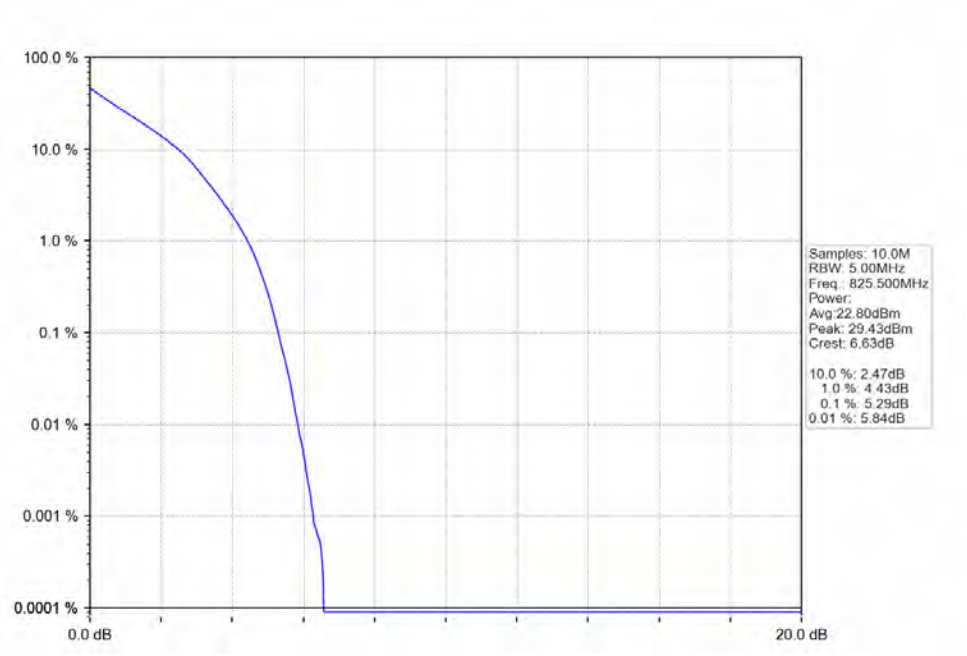
Band_5_1.4MHz_64QAM_MCH_836.5MHz_RB_6_0_NTNV



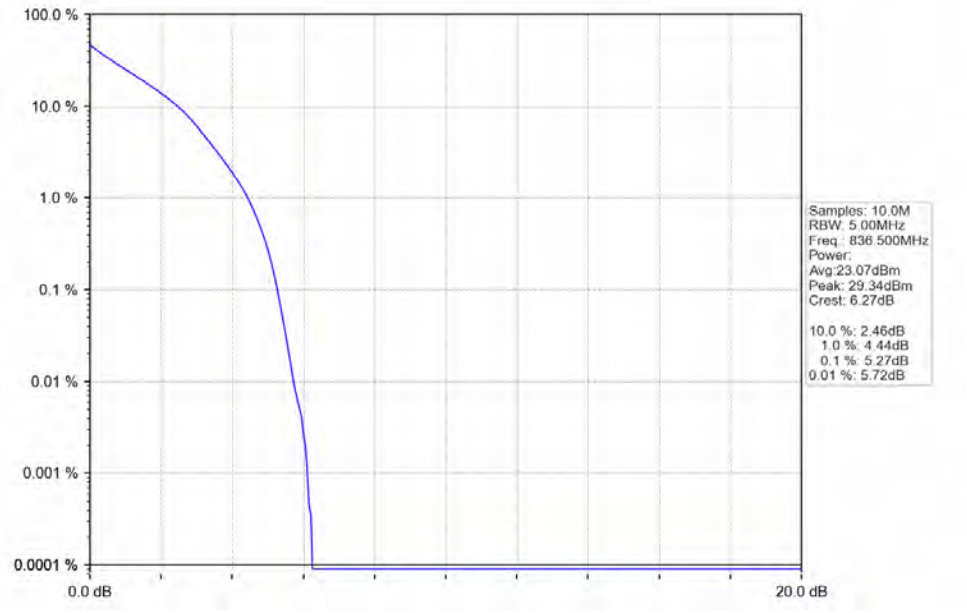
Band_5_1.4MHz_64QAM_HCH_848.3MHz_RB_6_0_NTNV



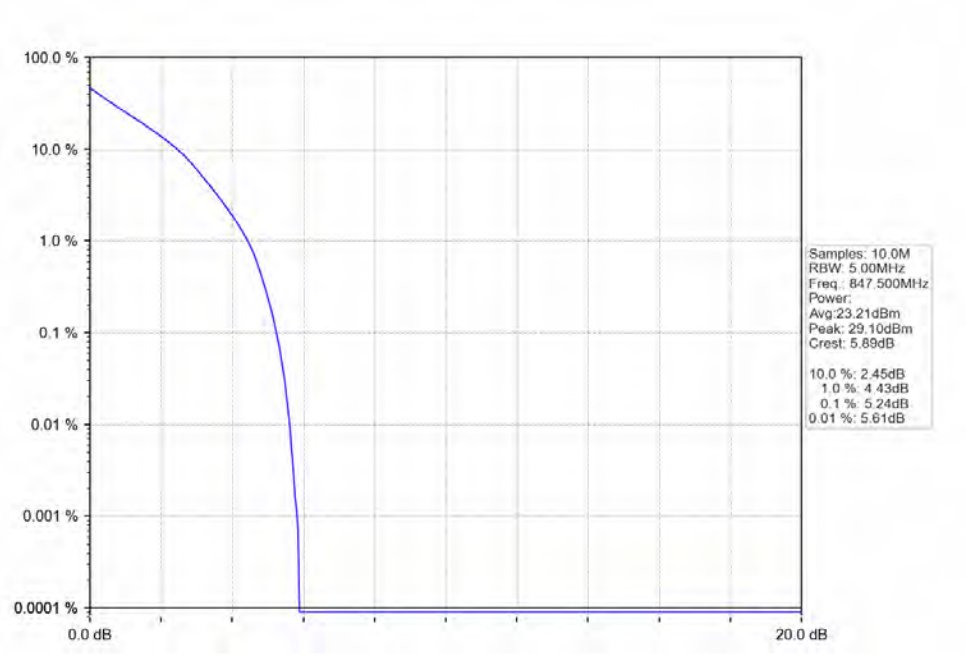
Band_5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



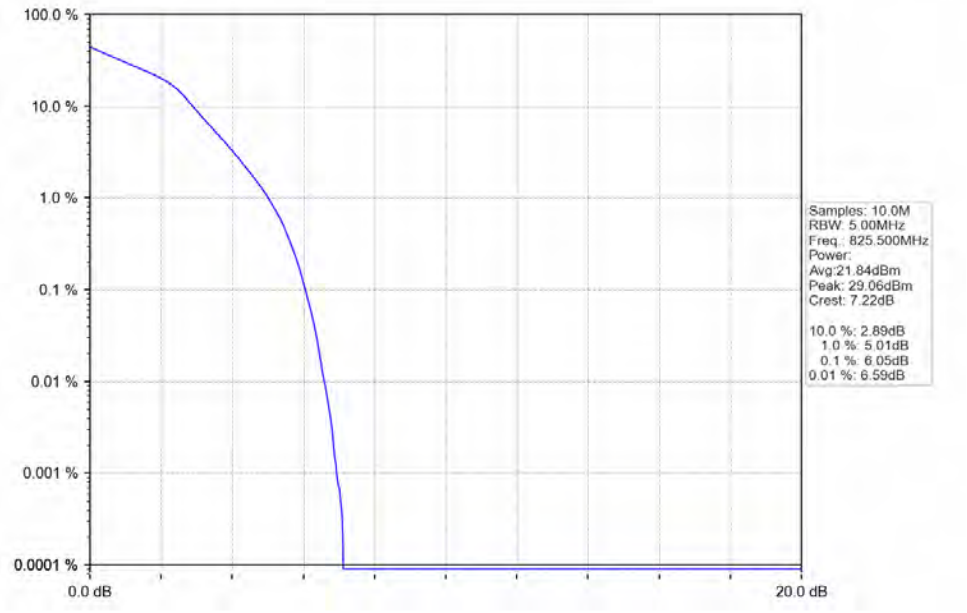
Band_5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



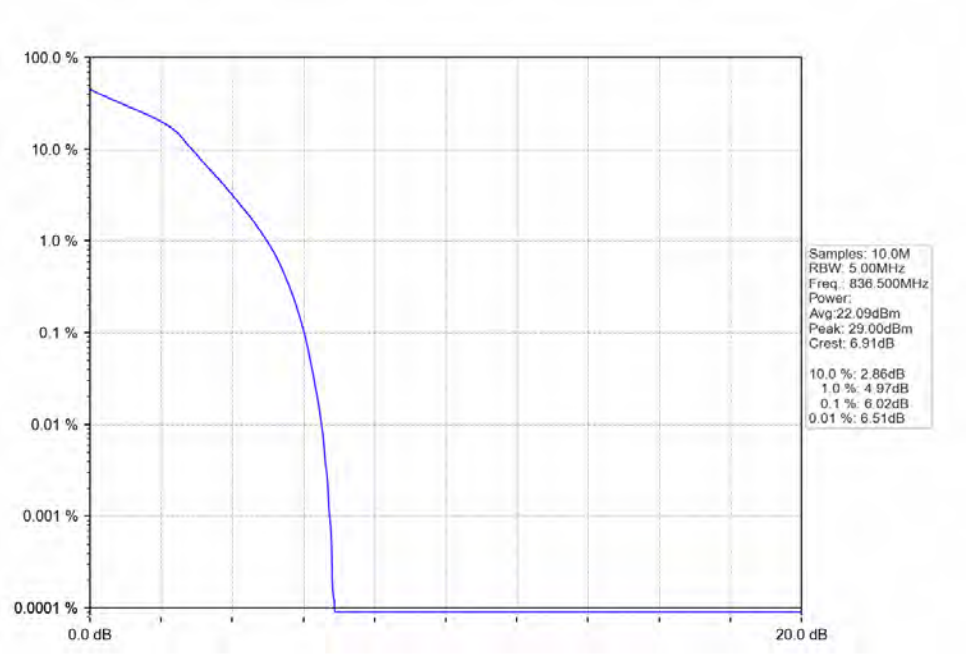
Band_5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



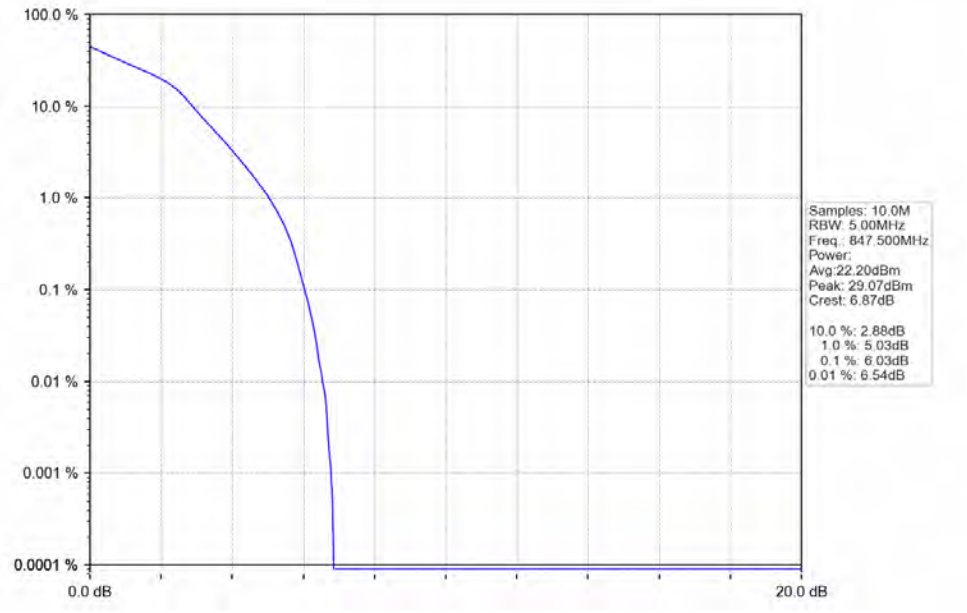
Band_5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV



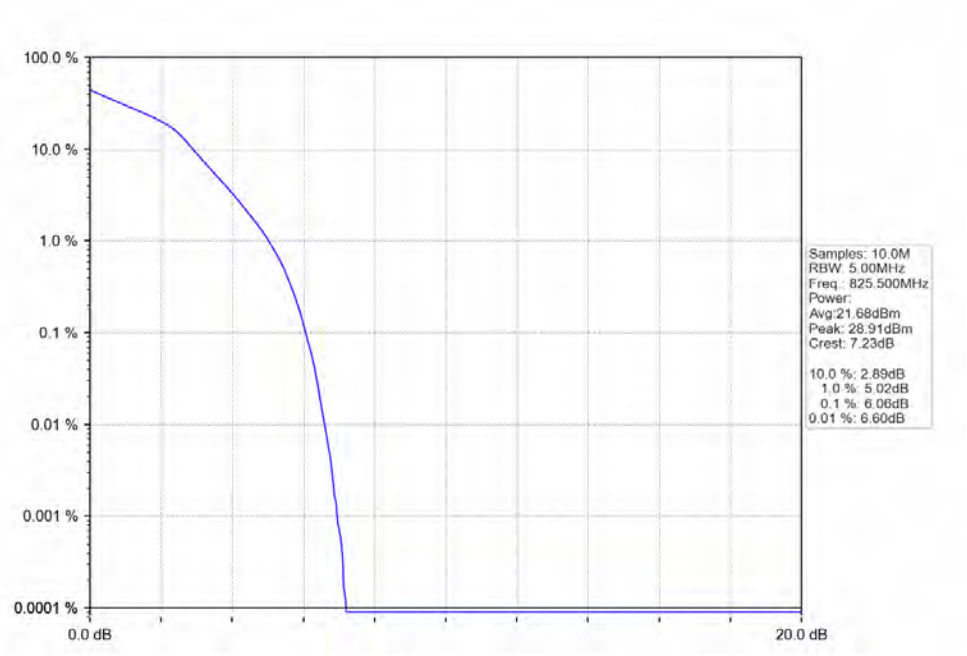
Band_5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



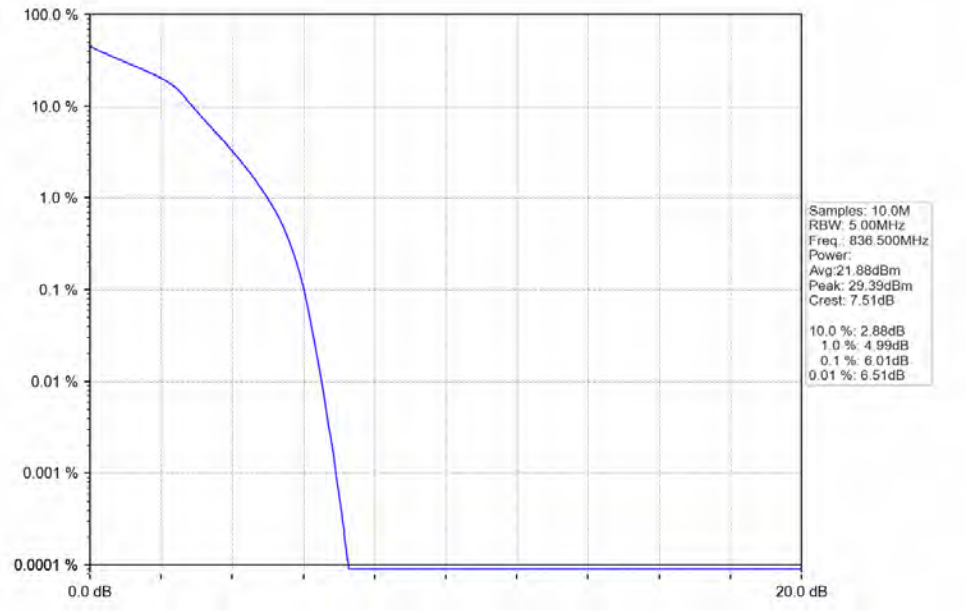
Band_5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV



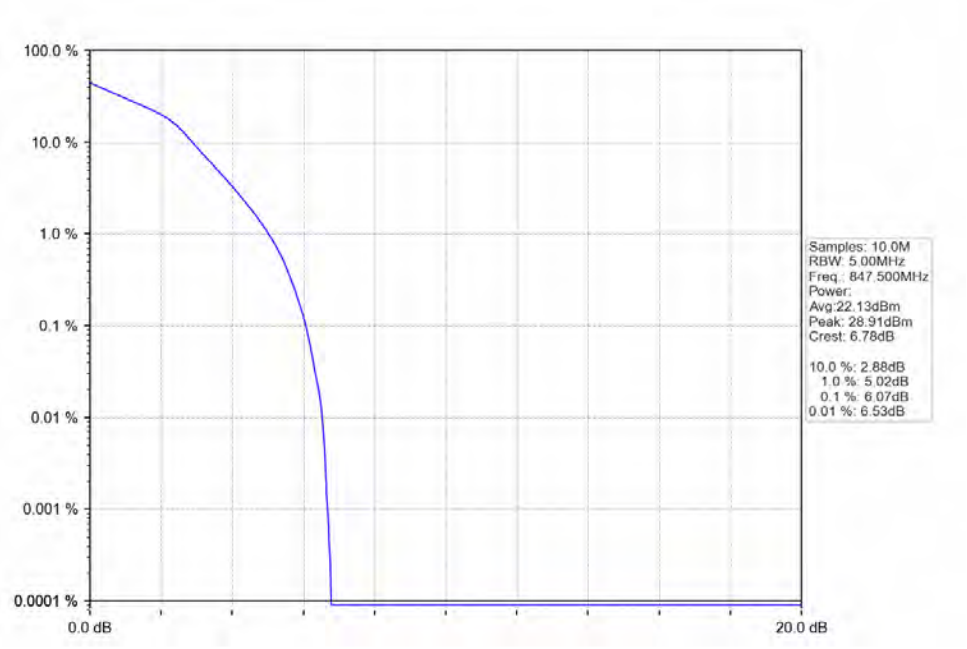
Band_5_3MHz_64QAM_LCH_825.5MHz_RB_15_0_NTNV



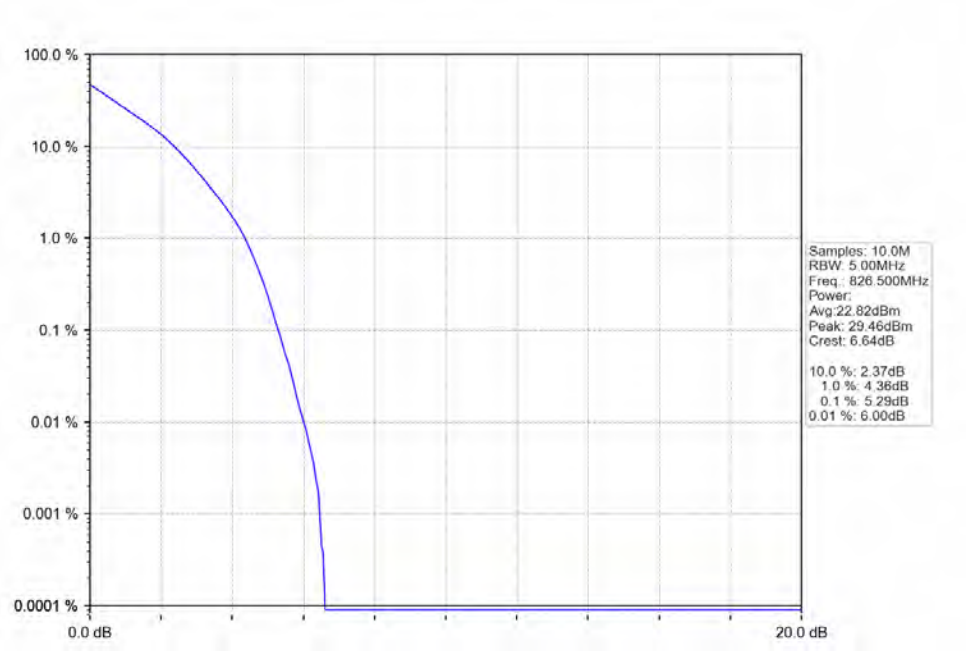
Band_5_3MHz_64QAM_MCH_836.5MHz_RB_15_0_NTNV



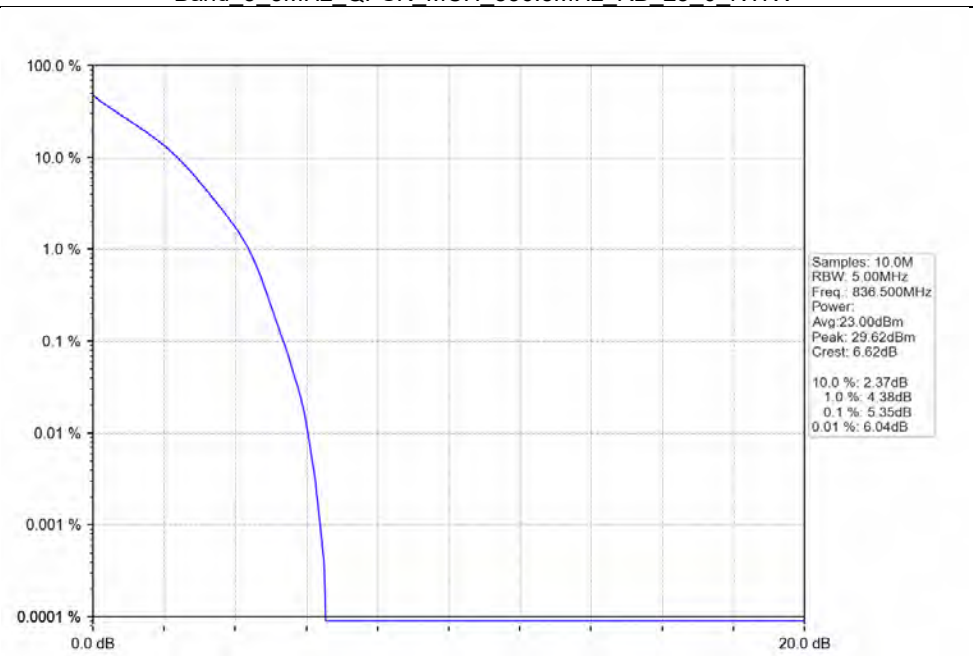
Band_5_3MHz_64QAM_HCH_847.5MHz_RB_15_0_NTNV



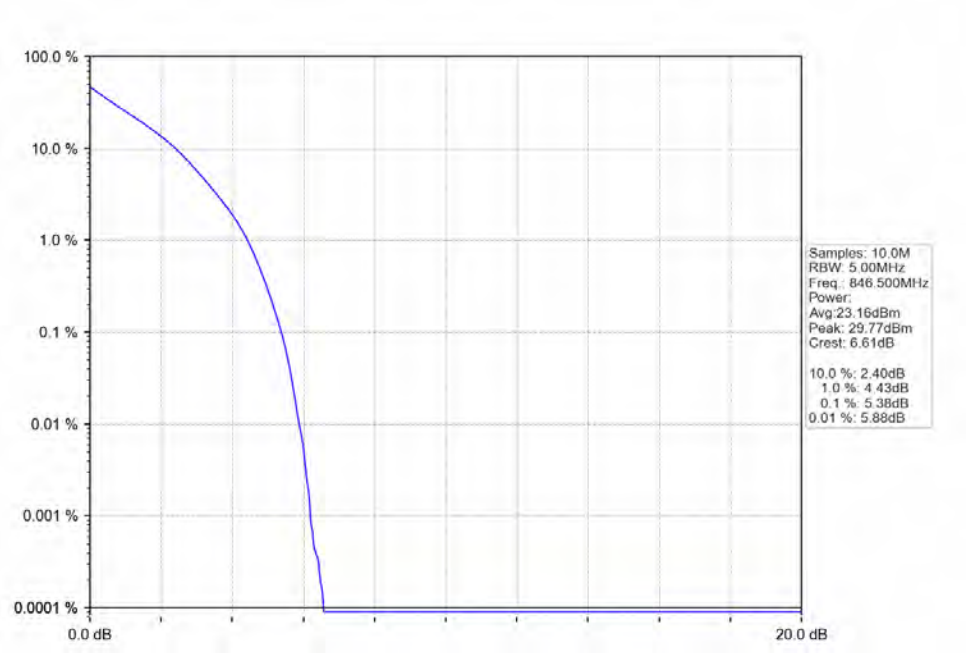
Band_5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV



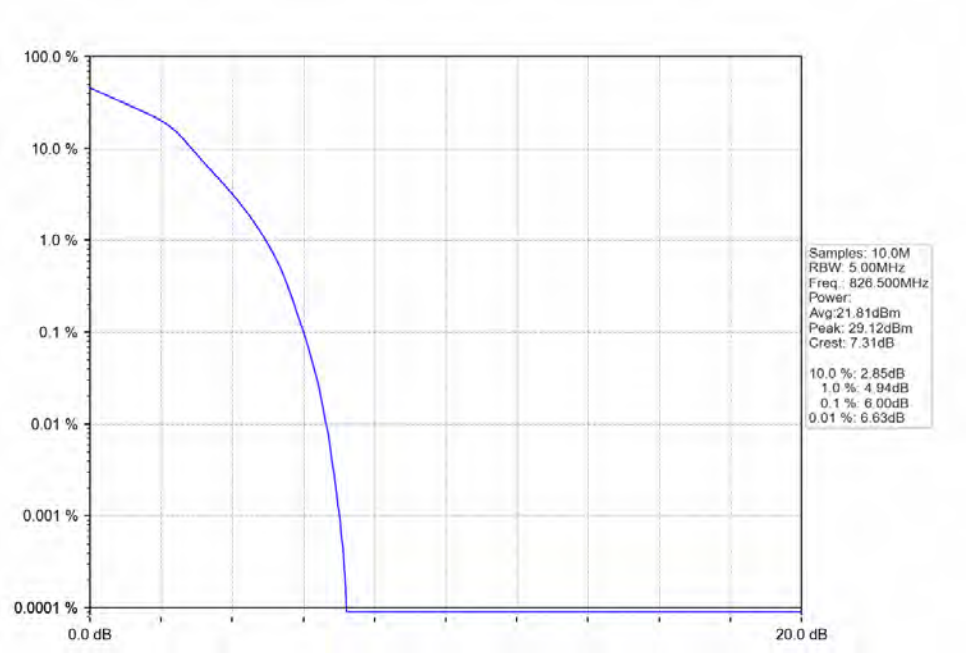
Band_5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



Band_5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



Band_5_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV



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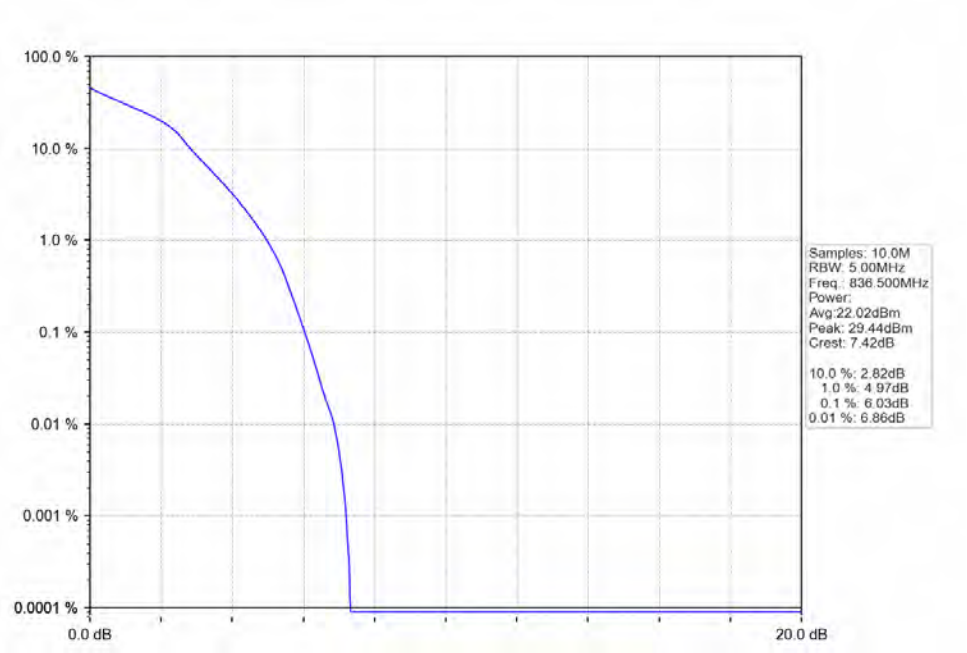
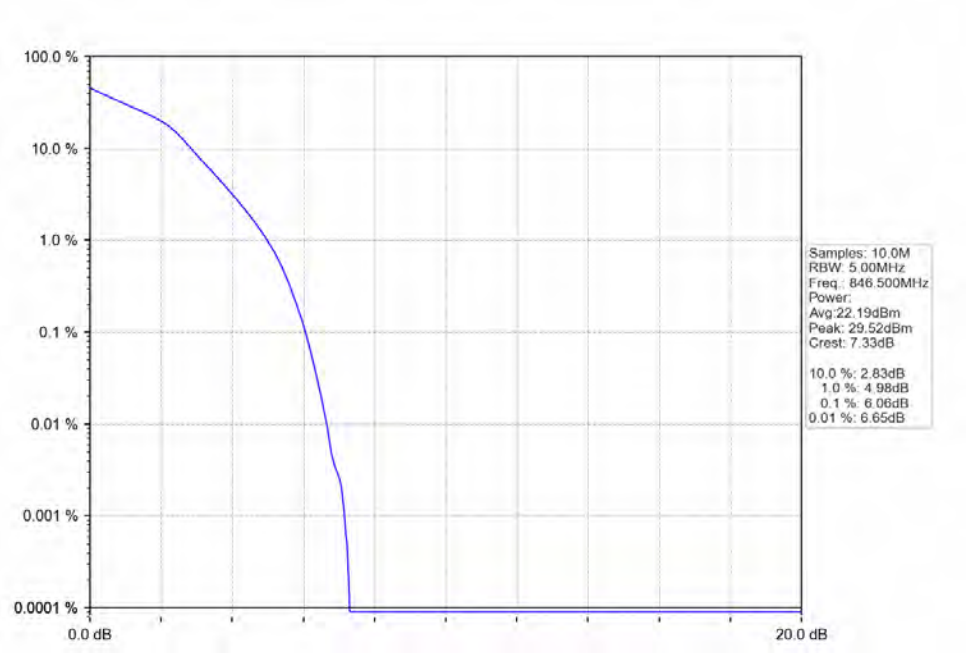
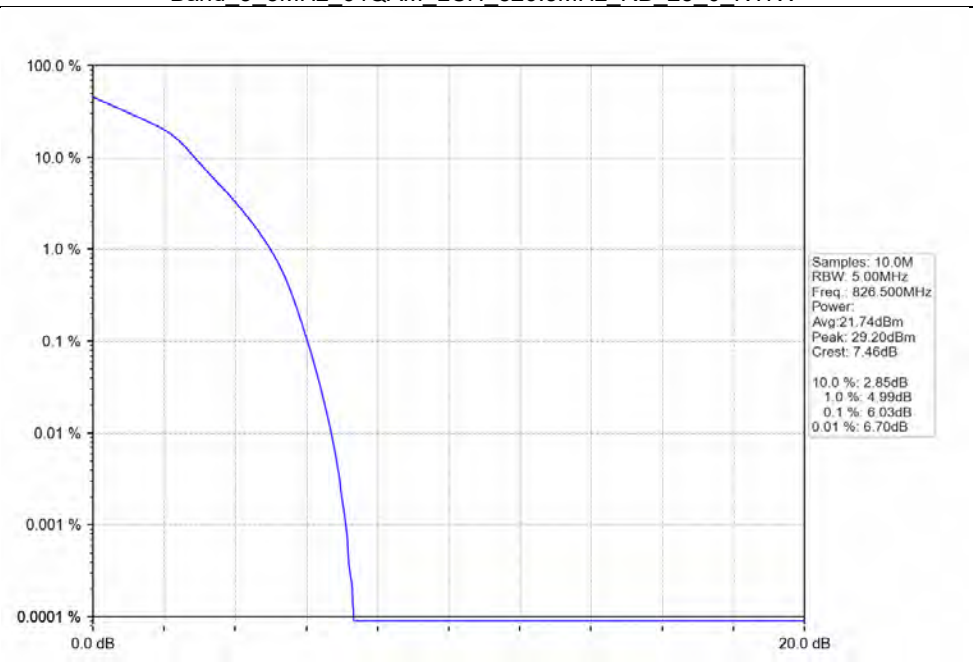


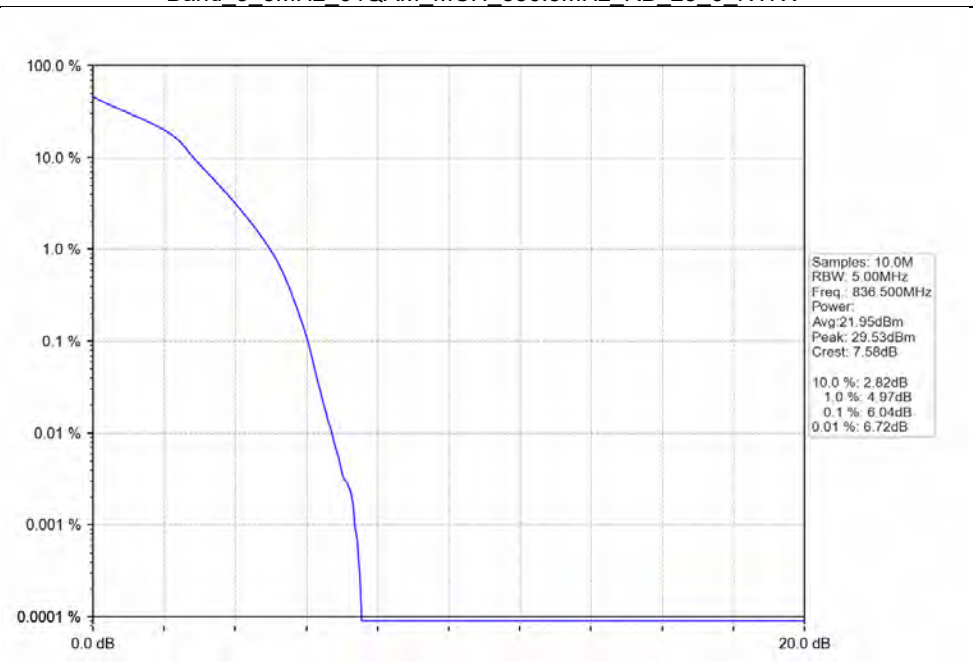
Band_5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV

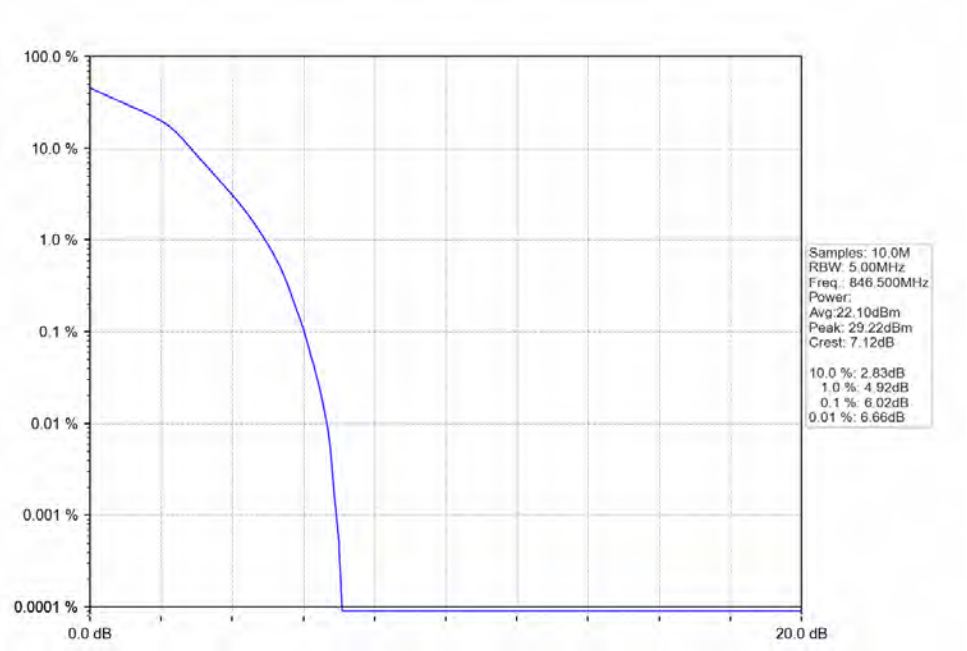


Band_5_5MHz_64QAM_LCH_826.5MHz_RB_25_0_NTNV

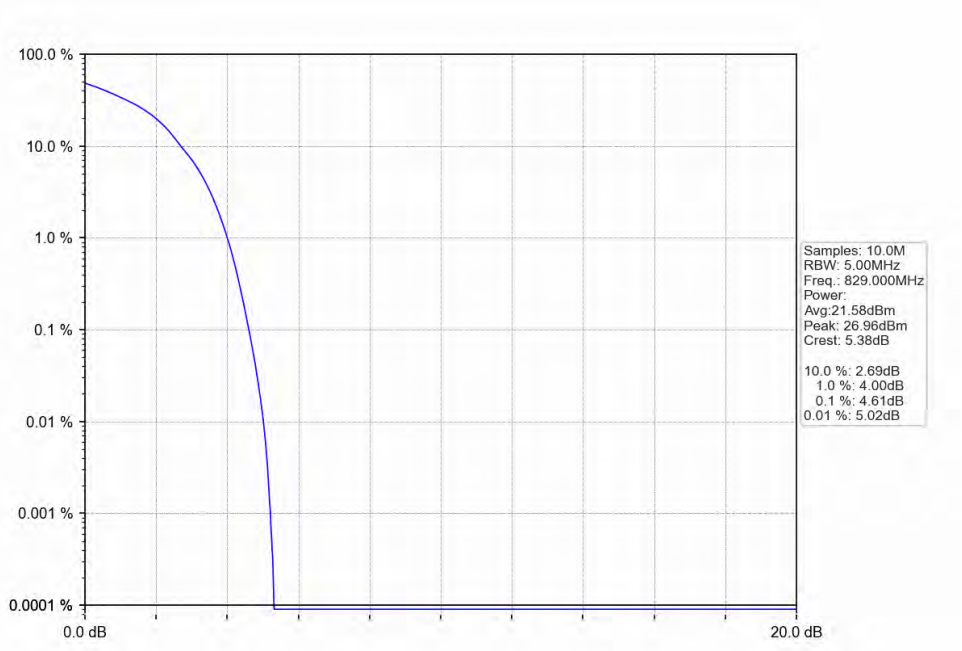


Band_5_5MHz_64QAM_MCH_836.5MHz_RB_25_0_NTNV

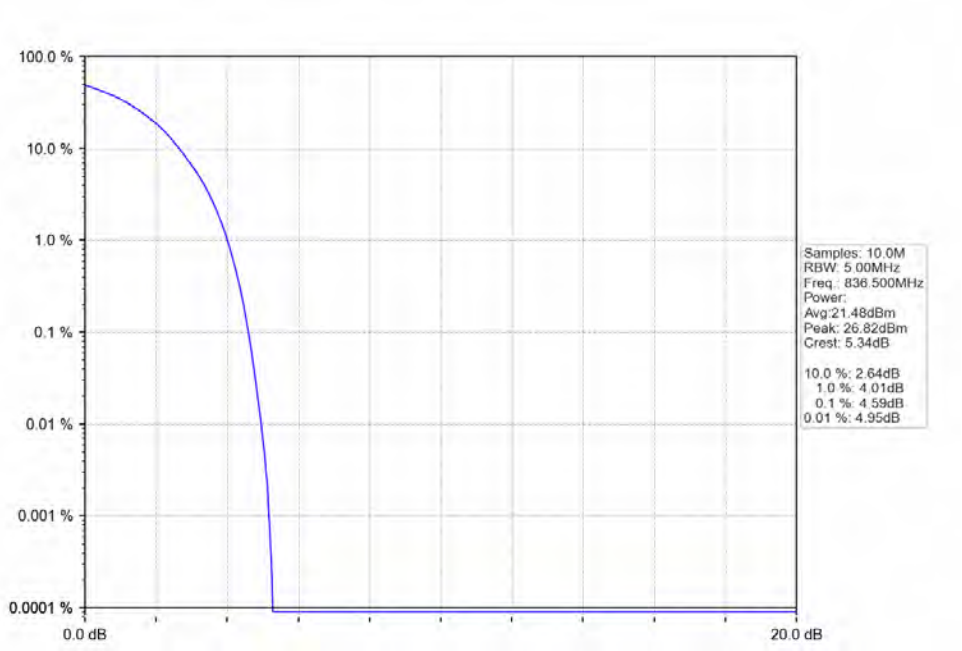


Band_5_5MHz_64QAM_HCH_846.5MHz_RB_25_0_NTNV


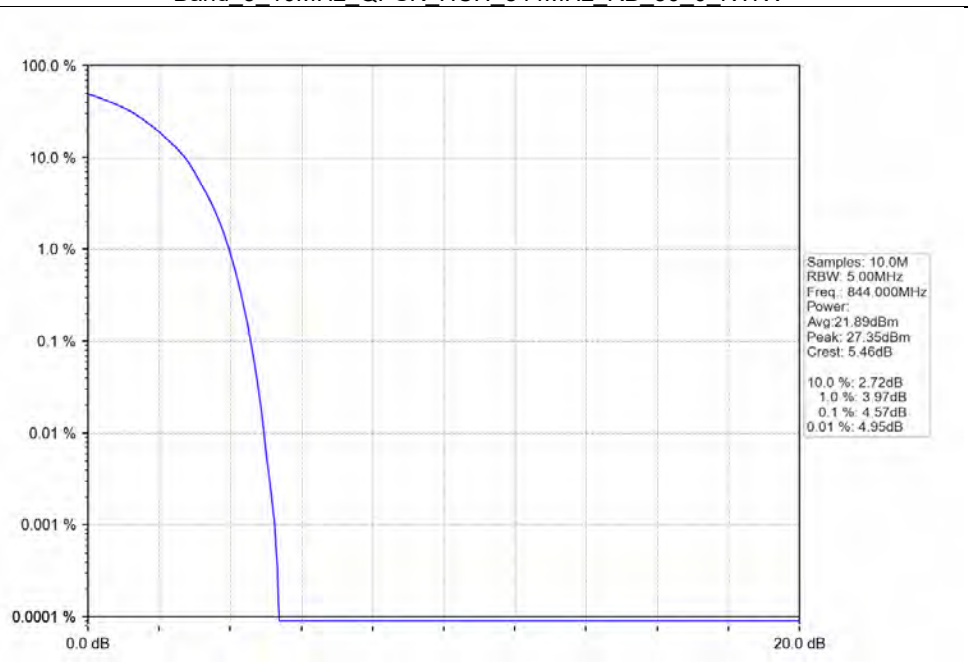
Band_5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV



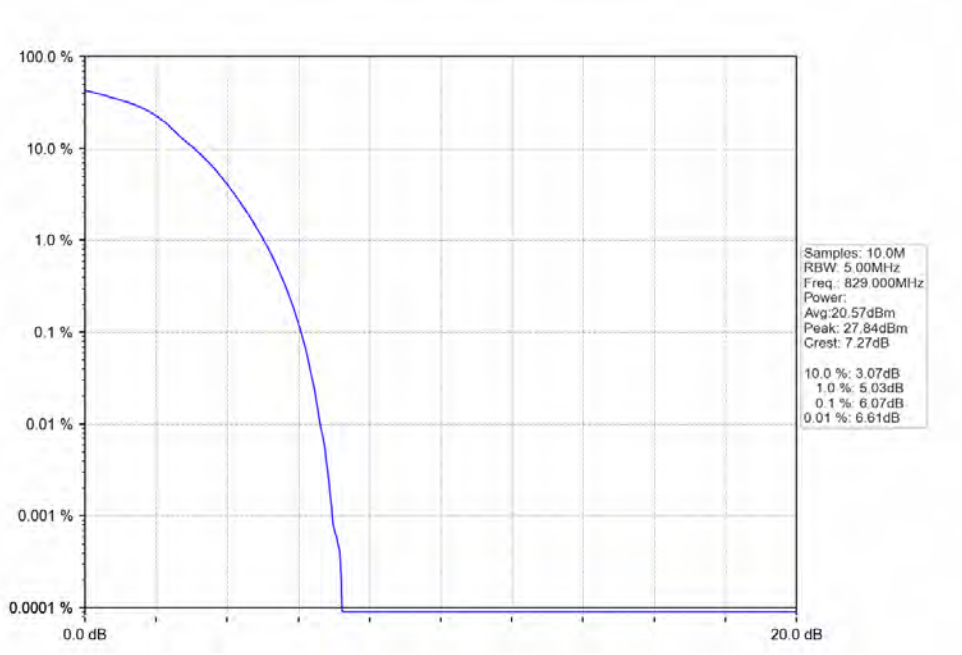
Band_5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



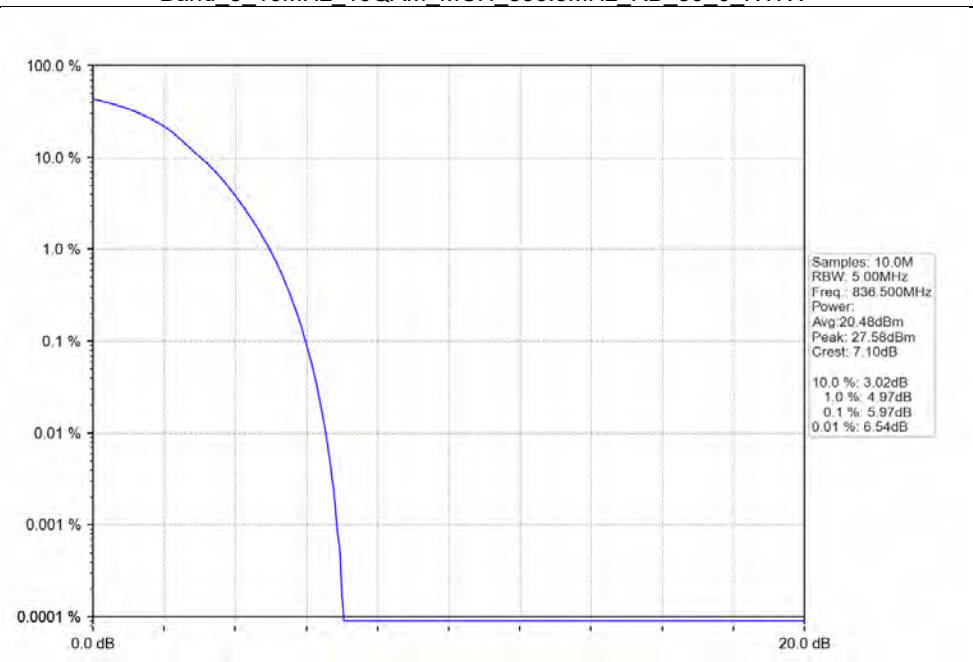
Band_5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



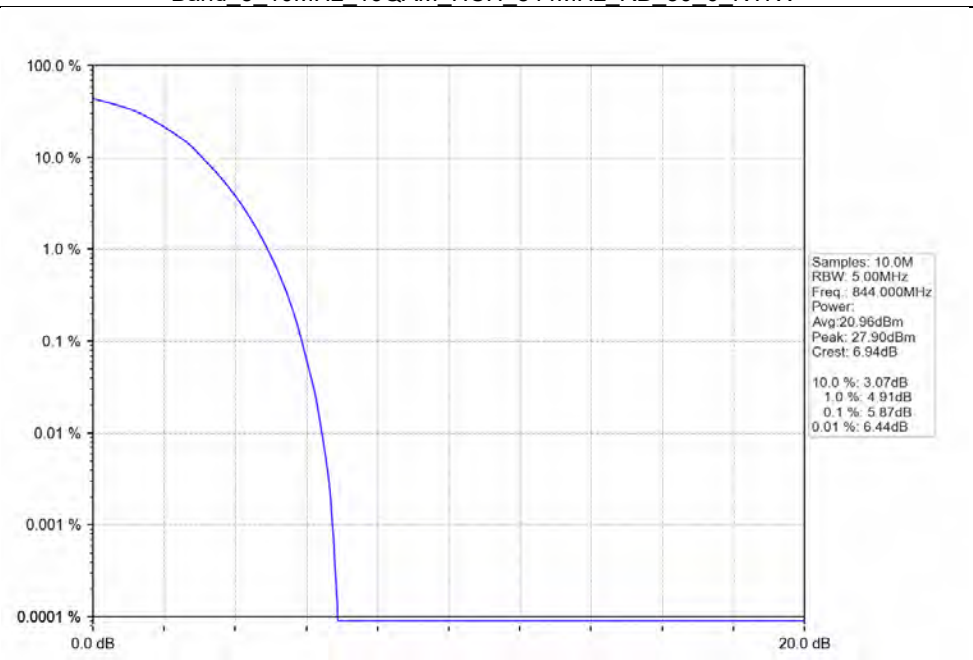
Band_5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV



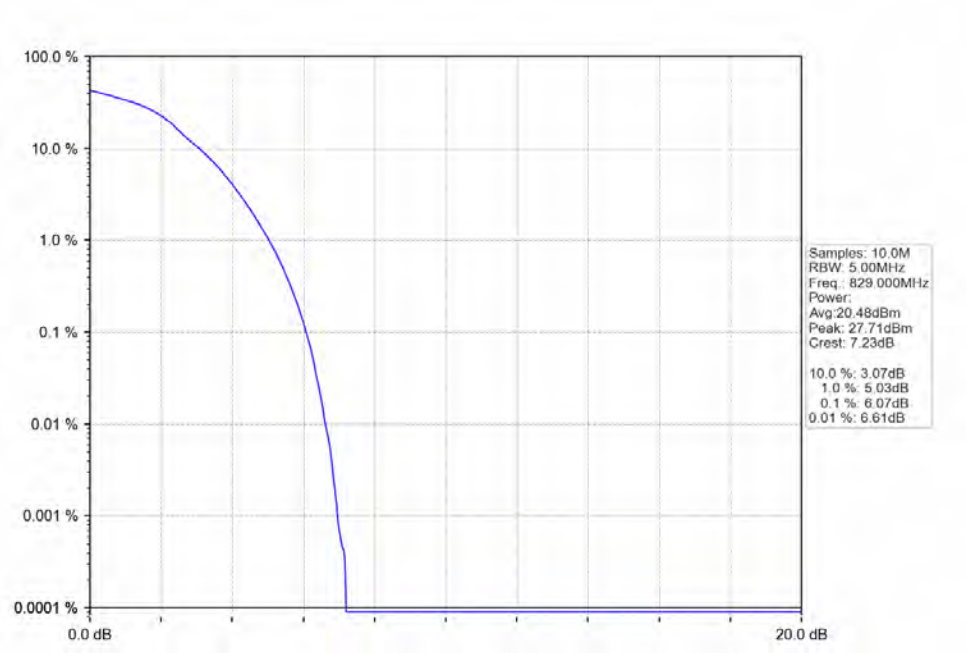
Band_5_10MHz_16QAM_MCH_836.5MHz_RB_50_0_NTNV



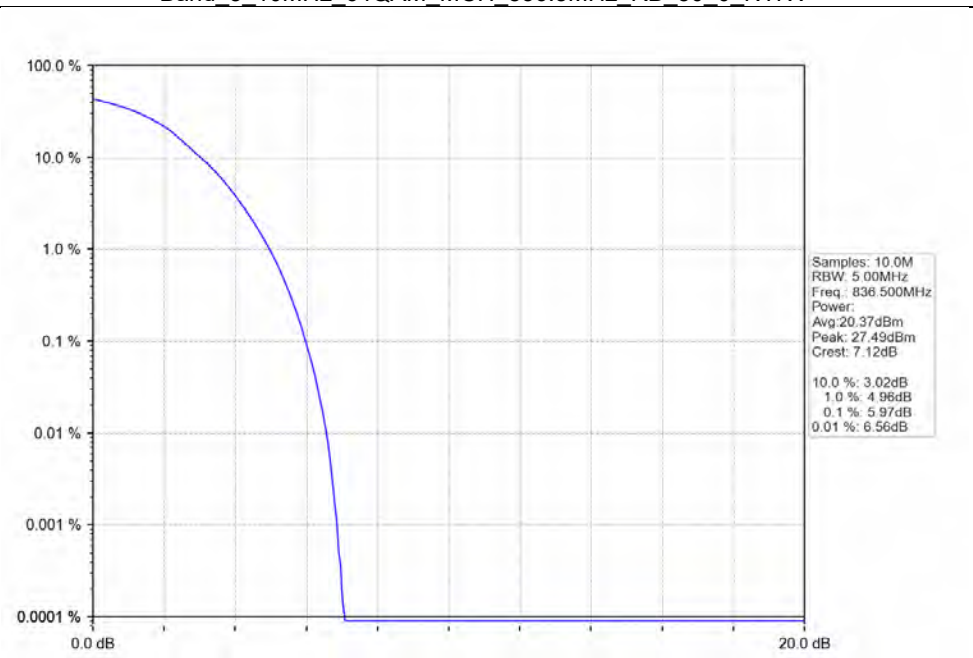
Band_5_10MHz_16QAM_HCH_844MHz_RB_50_0_NTNV

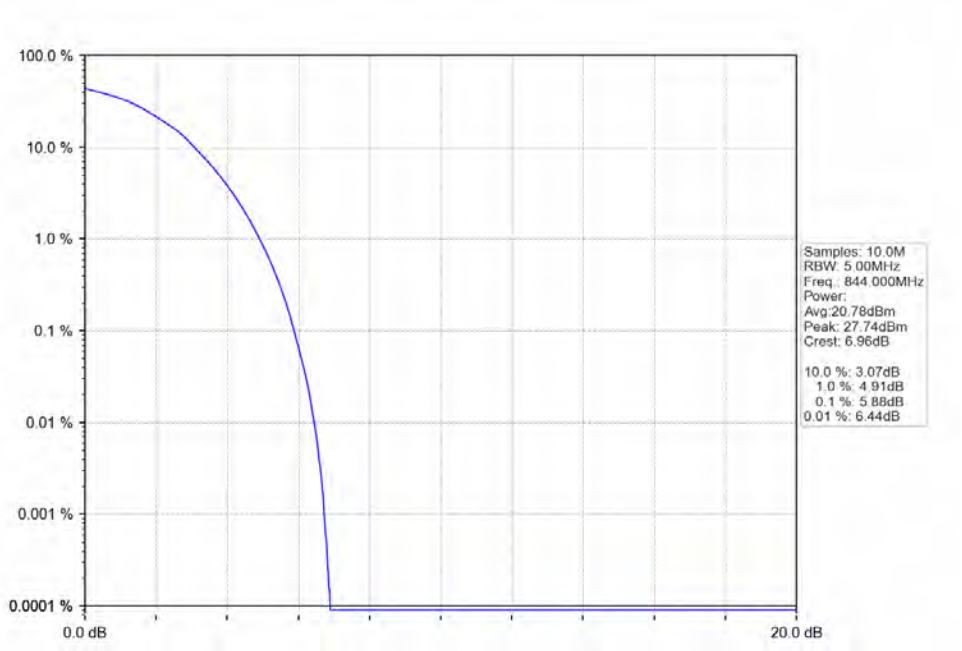


Band_5_10MHz_64QAM_LCH_829MHz_RB_50_0_NTNV



Band_5_10MHz_64QAM_MCH_836.5MHz_RB_50_0_NTNV



Band_5_10MHz_64QAM_HCH_844MHz_RB_50_0_NTNV


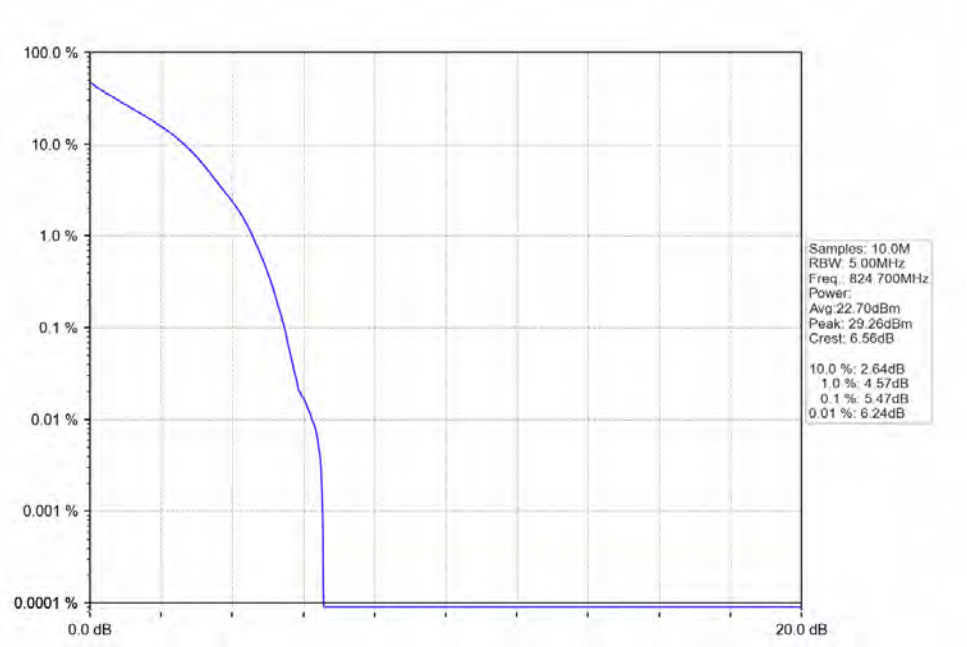
3.4 LTE Band 26

3.4.1 Test Result

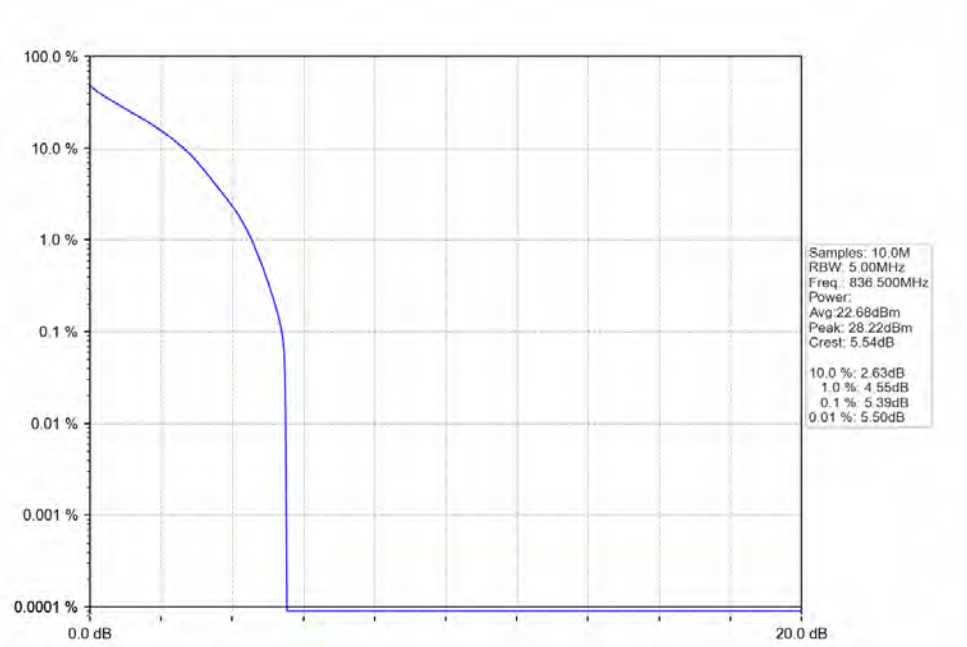
Band: 26 / Bandwidth: 1.4MHz / NTNV							
Modulation	RB Allocation		Peak-Average Ratio (dB)				Verdict
	Size	Offset	LCH	MCH	HCH	Limit	
QPSK	6	0	5.47	5.39	5.25	<=13	Pass
16QAM	6	0	6.32	6.14	6.4.0	<=13	Pass
64QAM	6	0	6.27	6.11	6.10	<=13	Pass
Band: 26 / Bandwidth: 3MHz / NTNV							
Modulation	RB Allocation		Peak-Average Ratio (dB)				Verdict
	Size	Offset	LCH	MCH	HCH	Limit	
QPSK	15	0	5.36	5.24	4.84	<=13	Pass
16QAM	15	0	6.21	6.09	5.77	<=13	Pass
64QAM	15	0	6.13	6.07	5.77	<=13	Pass
Band: 26 / Bandwidth: 5MHz / NTNV							
Modulation	RB Allocation		Peak-Average Ratio (dB)				Verdict
	Size	Offset	LCH	MCH	HCH	Limit	
QPSK	25	0	5.33	5.34	5.06	<=13	Pass
16QAM	25	0	6.07	6.09	5.85	<=13	Pass
64QAM	25	0	6.06	6.05	5.88	<=13	Pass
Band: 26b / Bandwidth: 10MHz / NTNV							
Modulation	RB Allocation		Peak-Average Ratio (dB)				Verdict
	Size	Offset	LCH	MCH	HCH	Limit	
QPSK	50	0	4.56	4.63	4.58	<=13	Pass
16QAM	50	0	6.08	5.94	5.98	<=13	Pass
64QAM	50	0	6.08	5.94	5.98	<=13	Pass
Band: 26 / Bandwidth: 15MHz / NTNV							
Modulation	RB Allocation		Peak-Average Ratio (dB)				Verdict
	Size	Offset	LCH	MCH	HCH	Limit	
QPSK	75	0	5.70	5.73	5.83	<=13	Pass
16QAM	75	0	6.80	6.66	6.84	<=13	Pass
64QAM	75	0	6.79	6.66	6.83	<=13	Pass

3.4.2 Test Graph

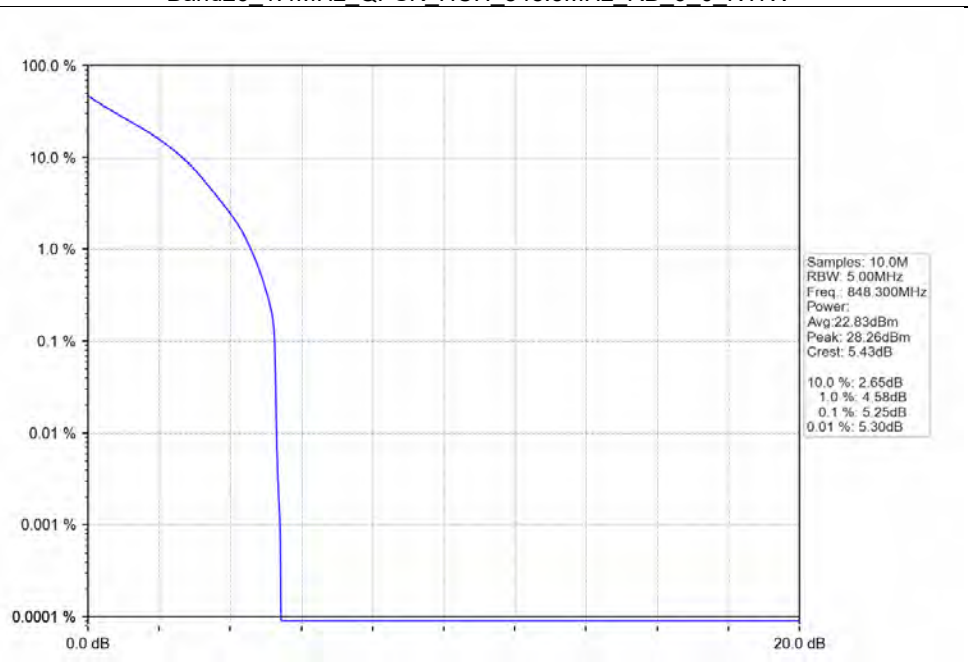
Band26_1.4MHz_QPSK_LCH_824.7MHz_RB_6_0_NTNV



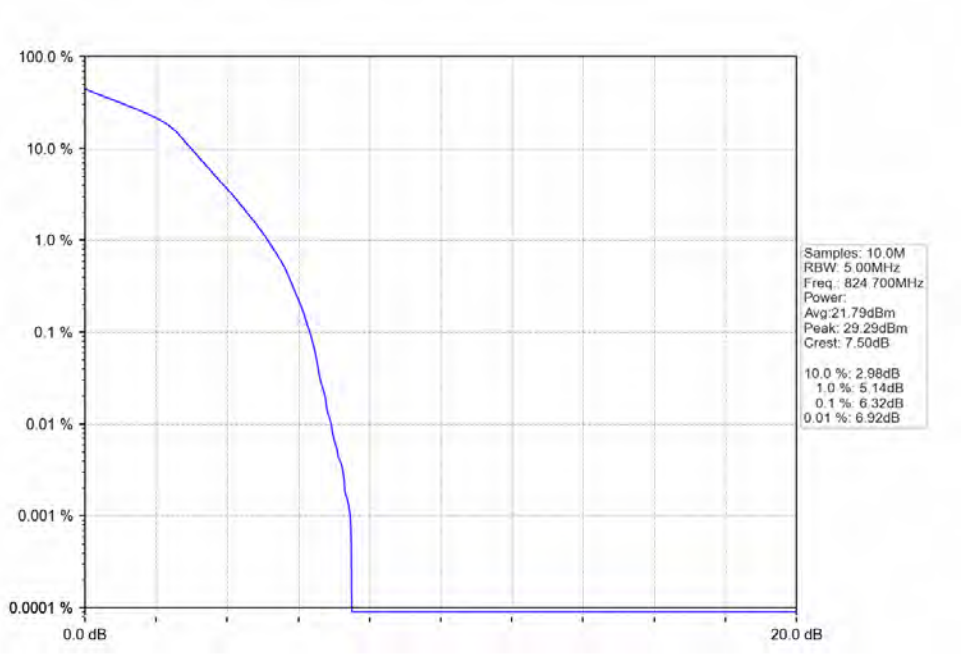
Band26_1.4MHz_QPSK_MCH_836.5MHz_RB_6_0_NTNV



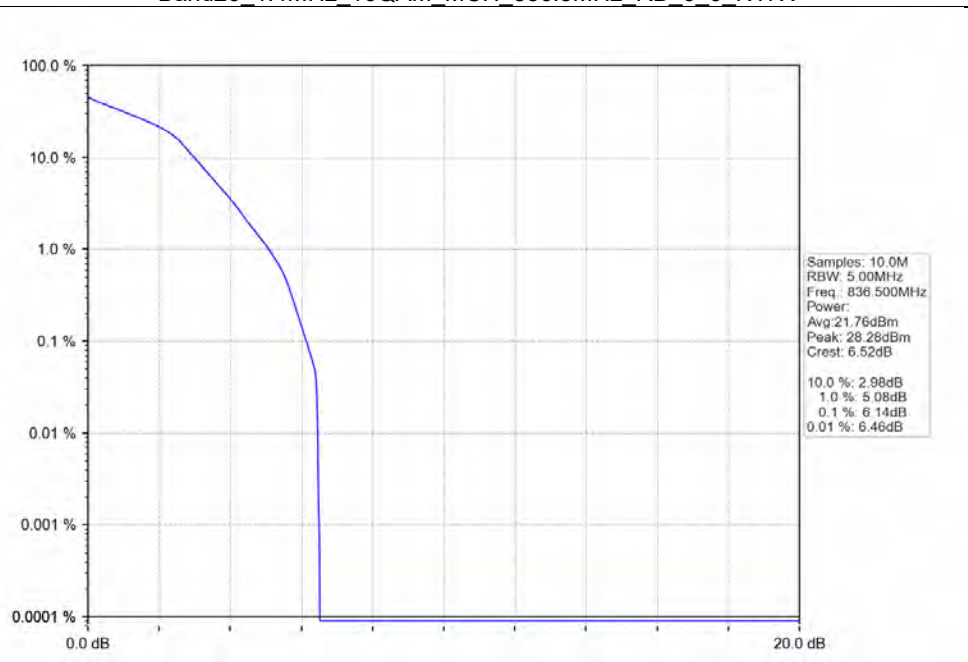
Band26_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV



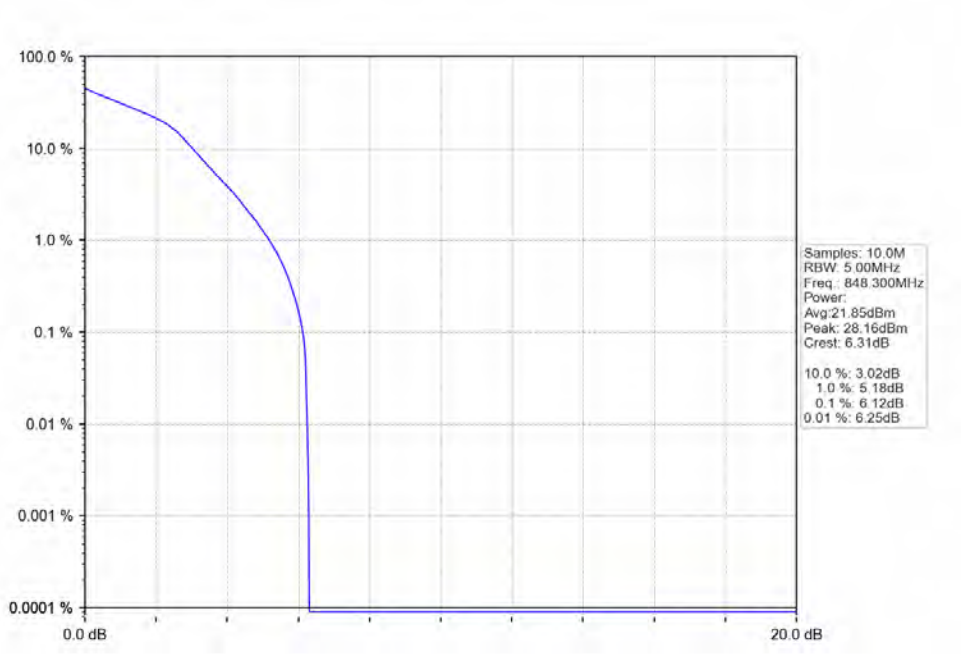
Band26_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV



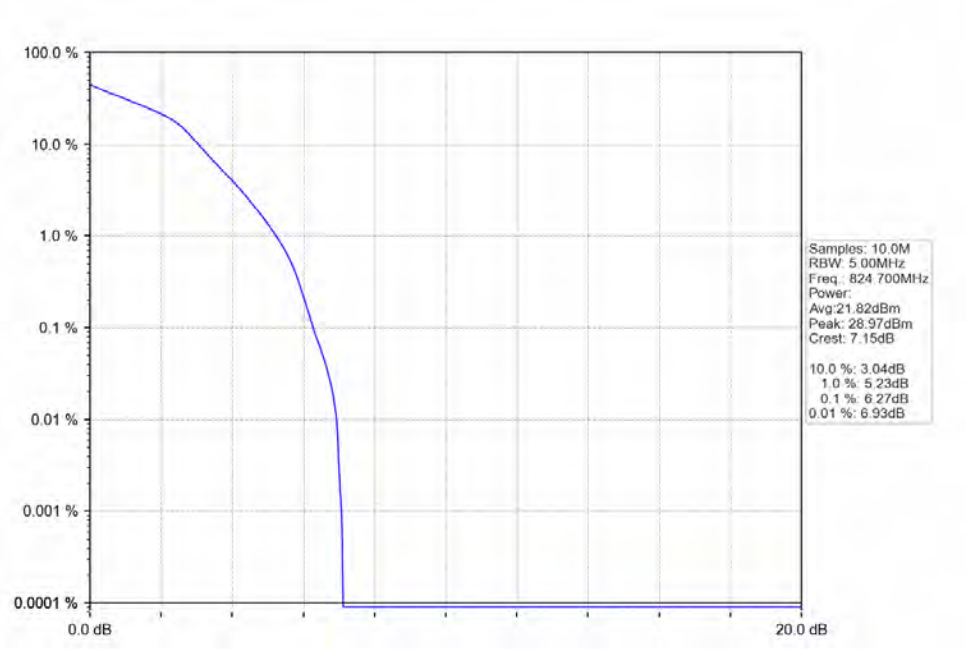
Band26_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV



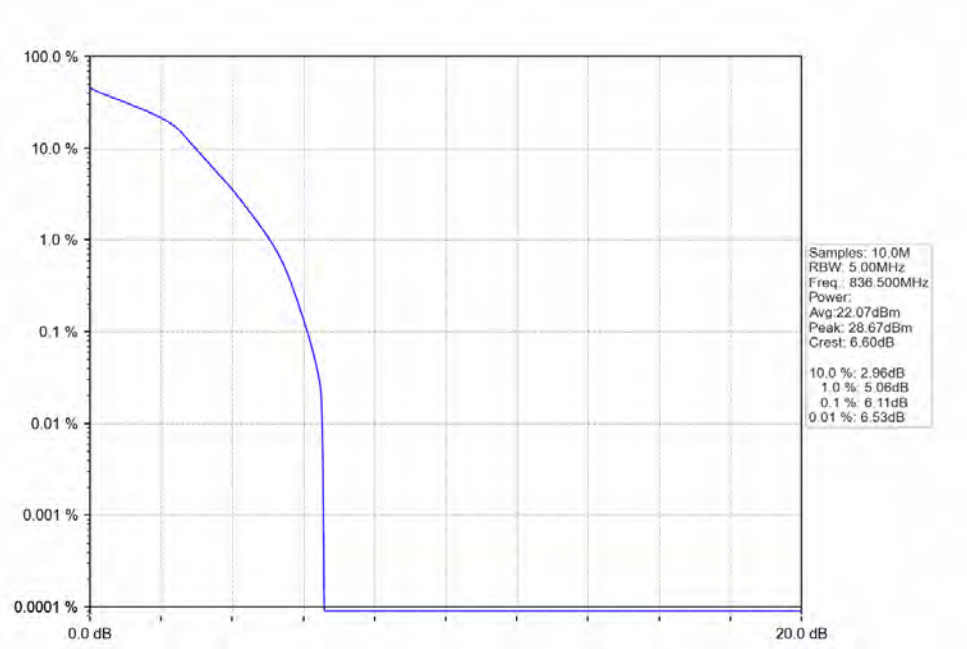
Band26_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV



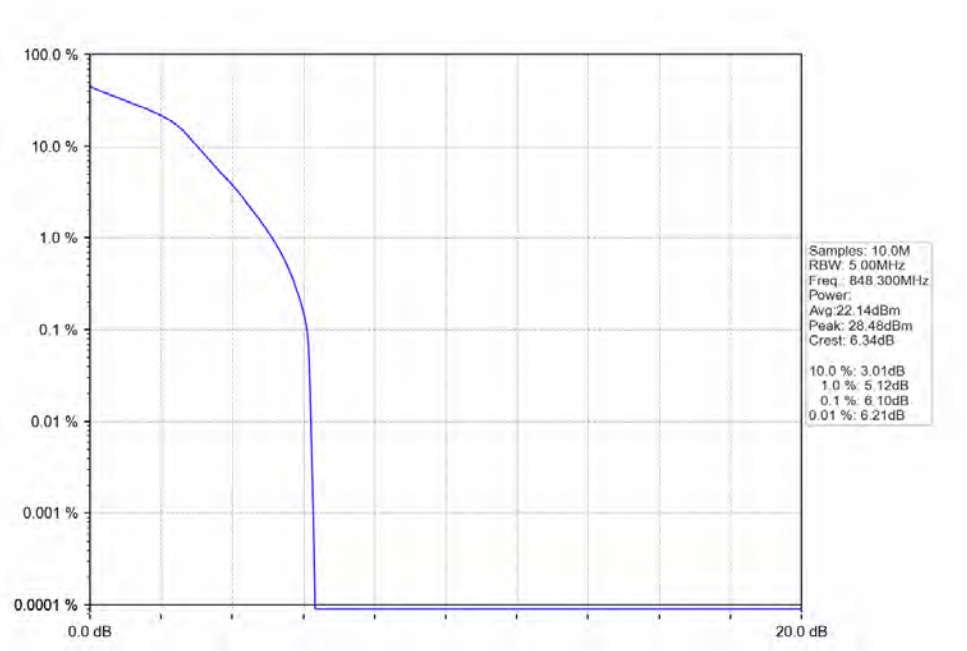
Band26_1.4MHz_64QAM_LCH_824.7MHz_RB_6_0_NTNV



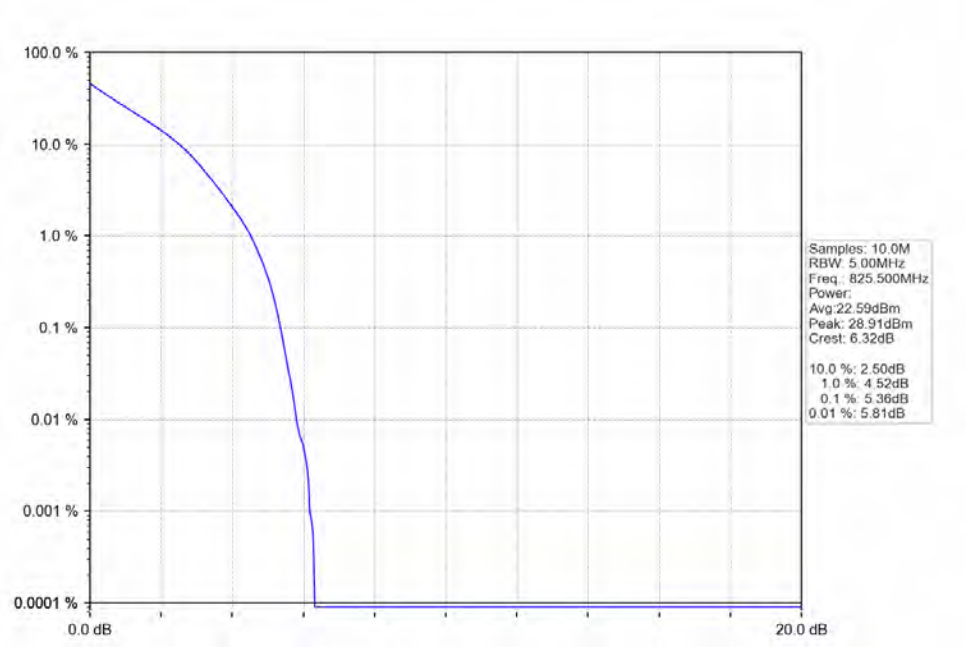
Band26_1.4MHz_64QAM_MCH_836.5MHz_RB_6_0_NTNV



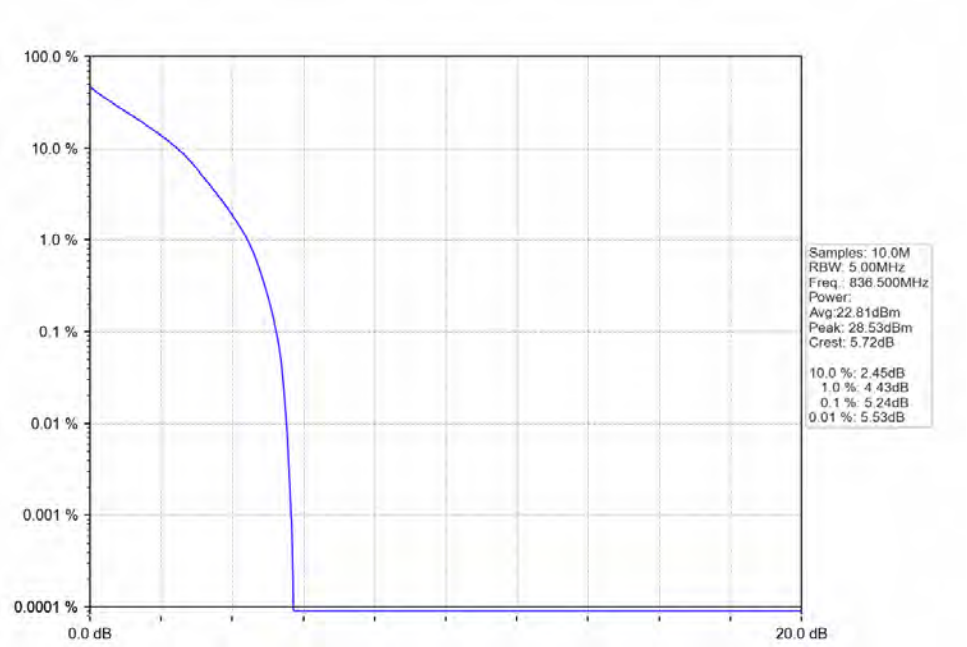
Band26_1.4MHz_64QAM_HCH_848.3MHz_RB_6_0_NTNV



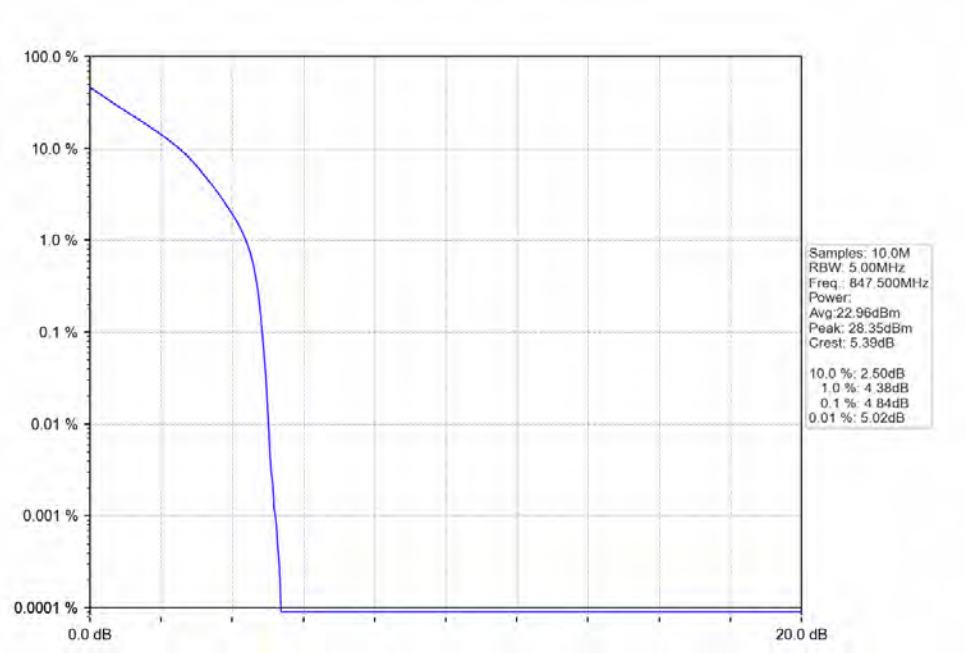
Band26_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



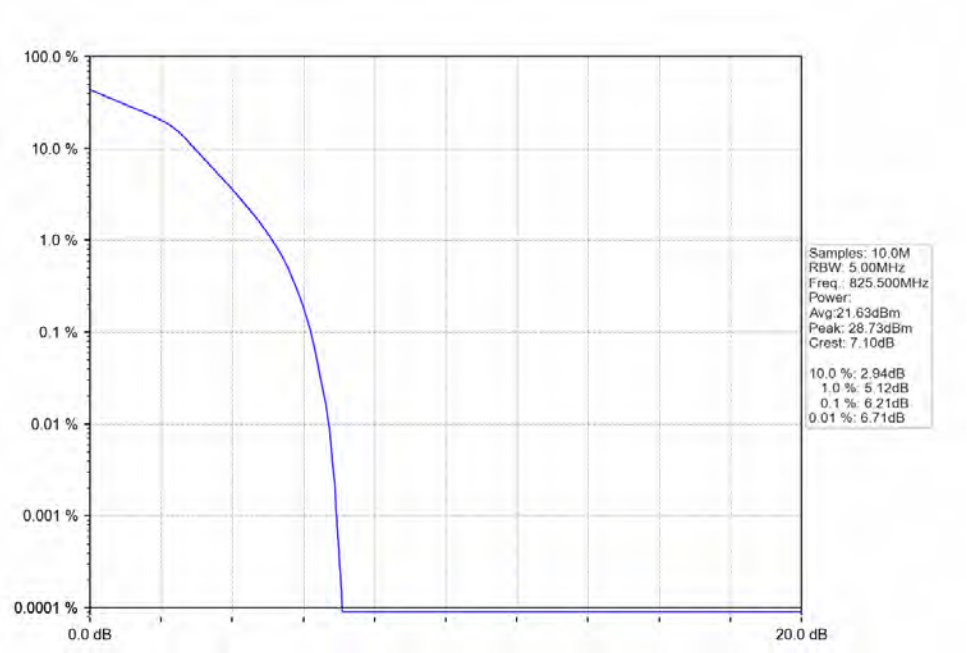
Band26_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



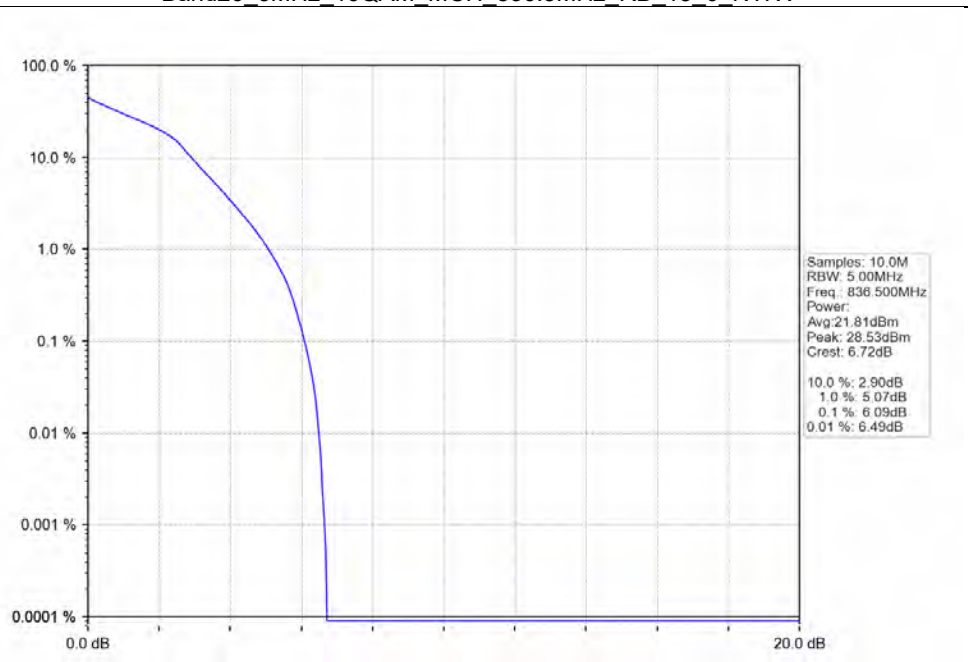
Band26_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



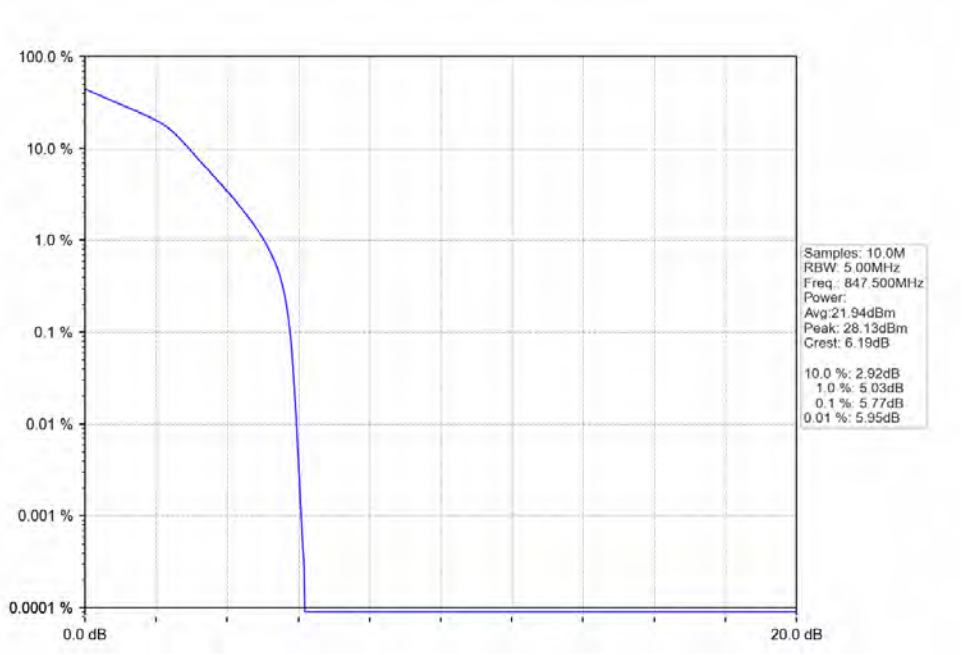
Band26_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV



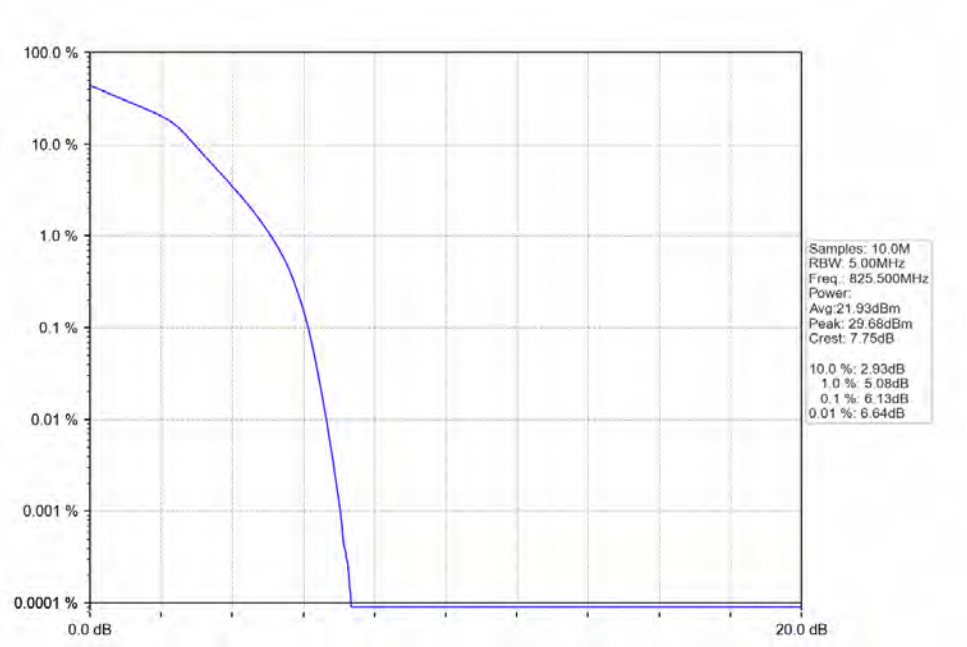
Band26_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



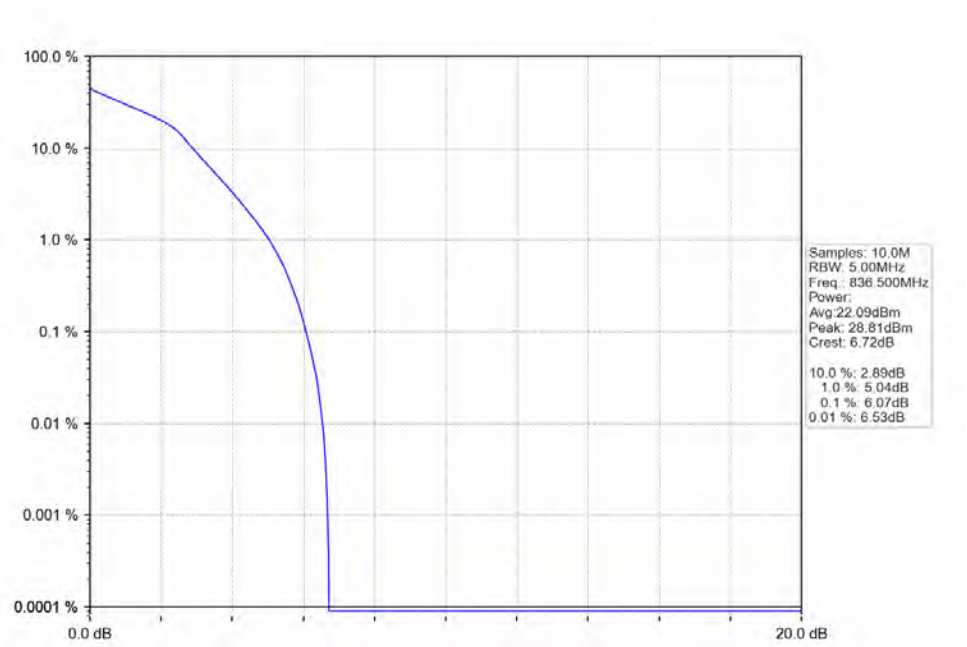
Band26_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV

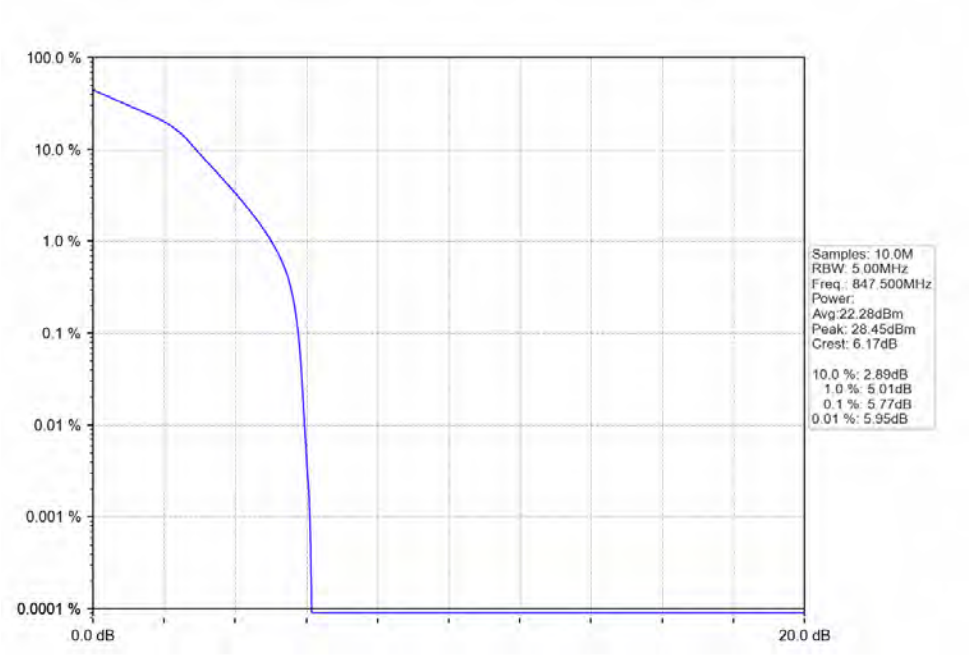


Band26_3MHz_64QAM_LCH_825.5MHz_RB_15_0_NTNV

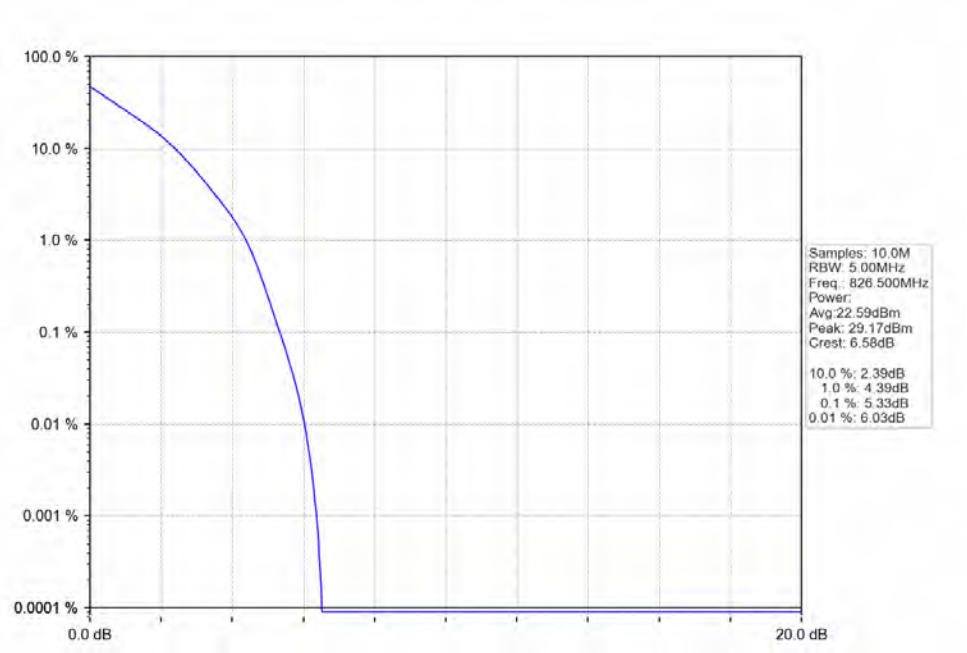


Band26_3MHz_64QAM_MCH_836.5MHz_RB_15_0_NTNV

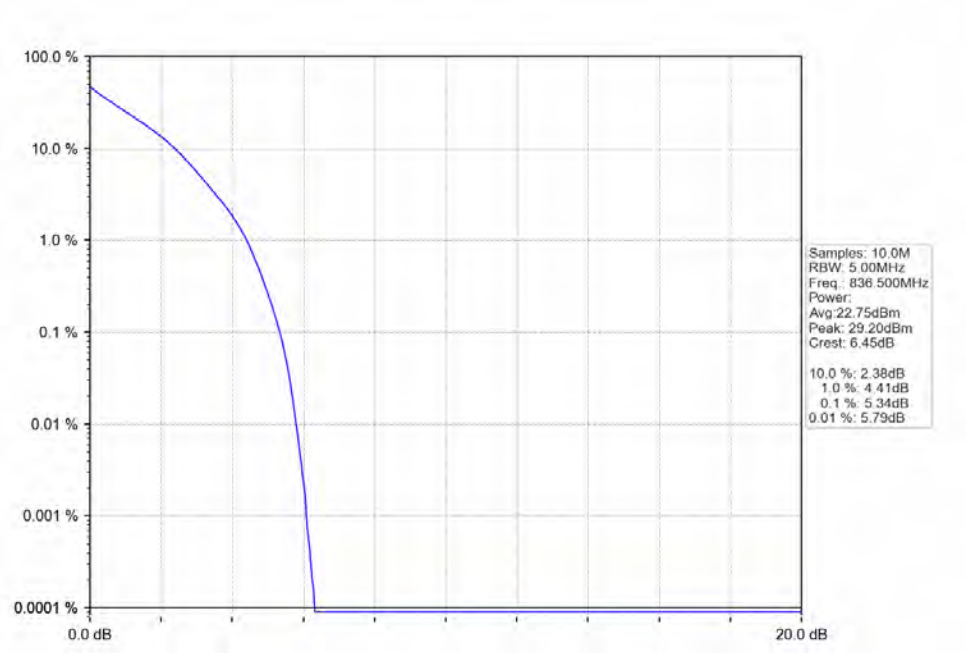


Band26_3MHz_64QAM_HCH_847.5MHz_RB_15_0_NTNV


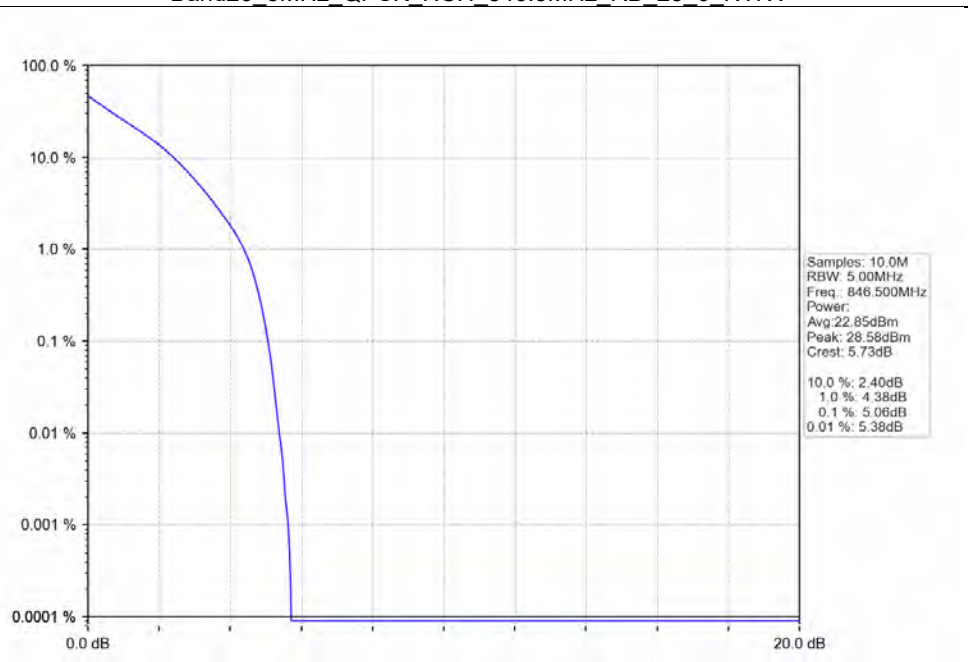
Band26_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV



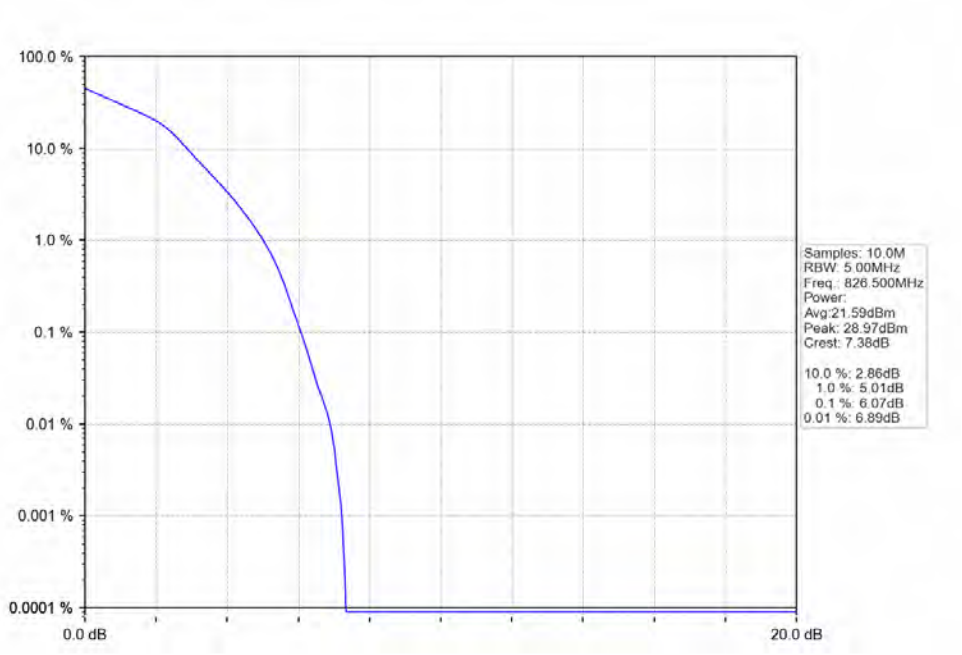
Band26_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



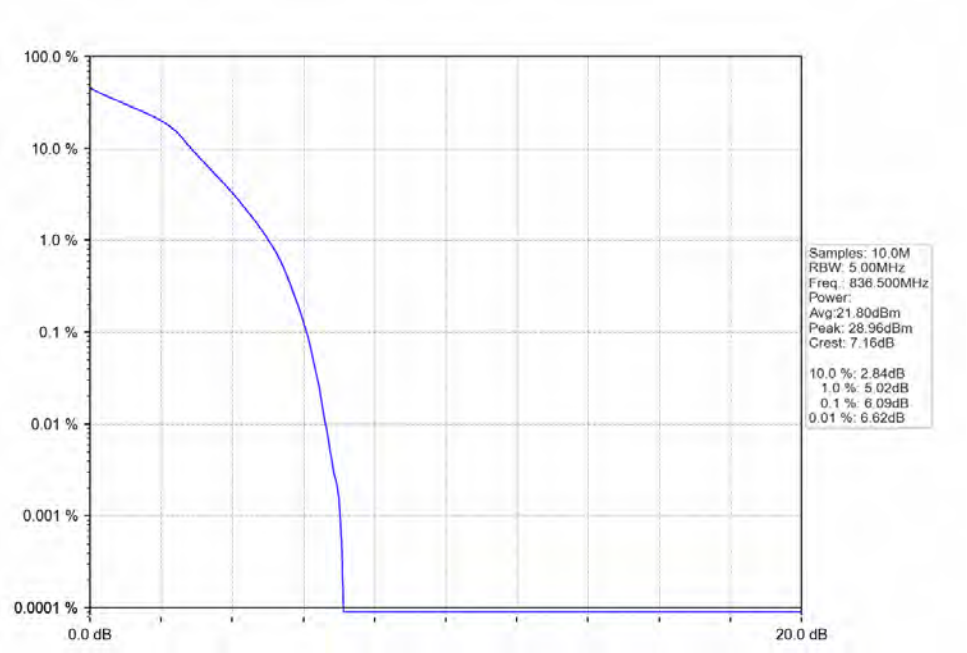
Band26_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



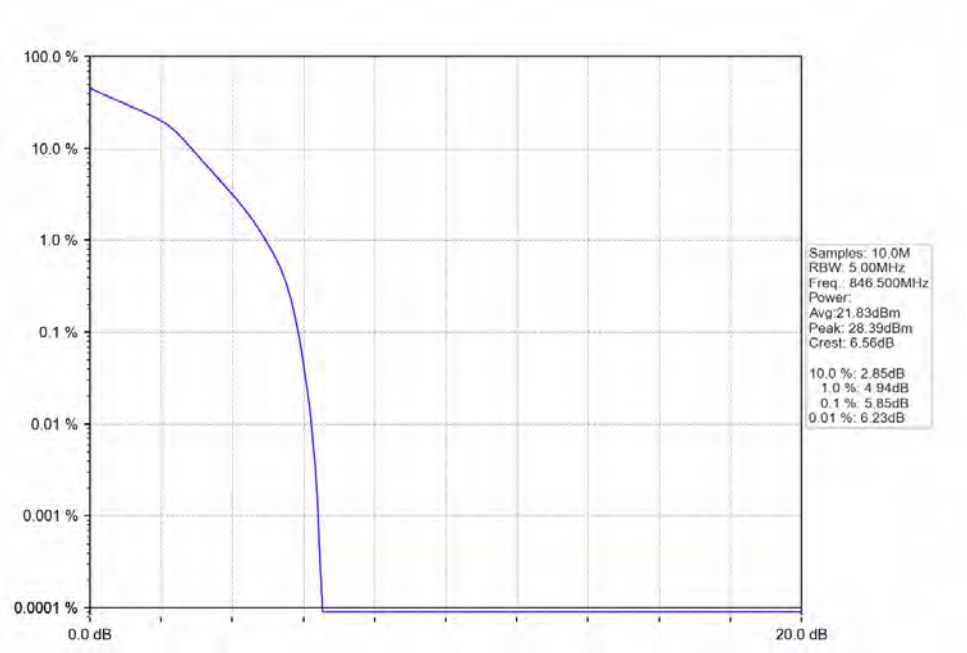
Band26_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV



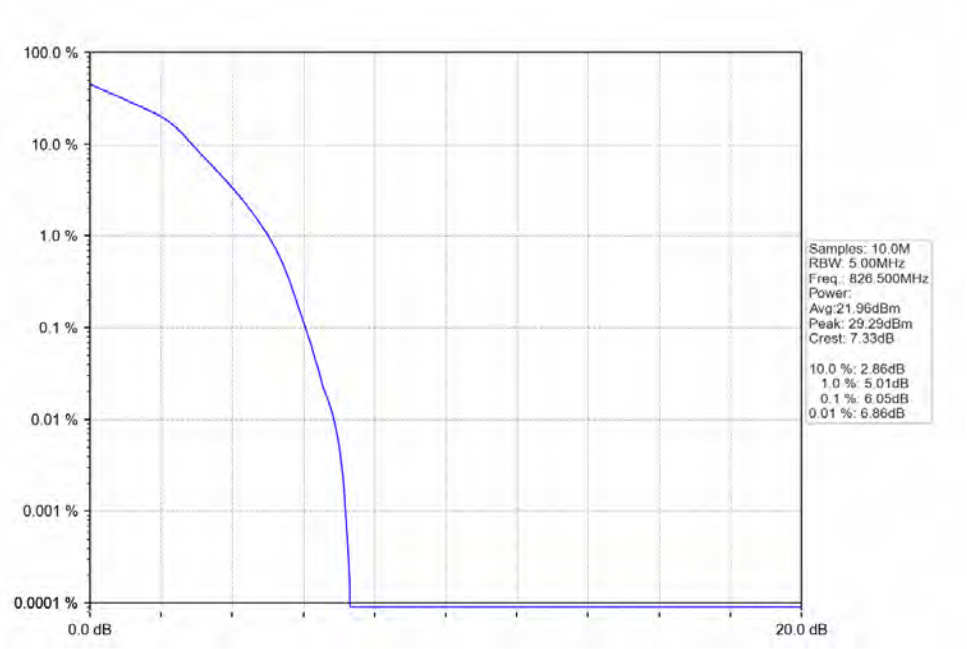
Band26_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



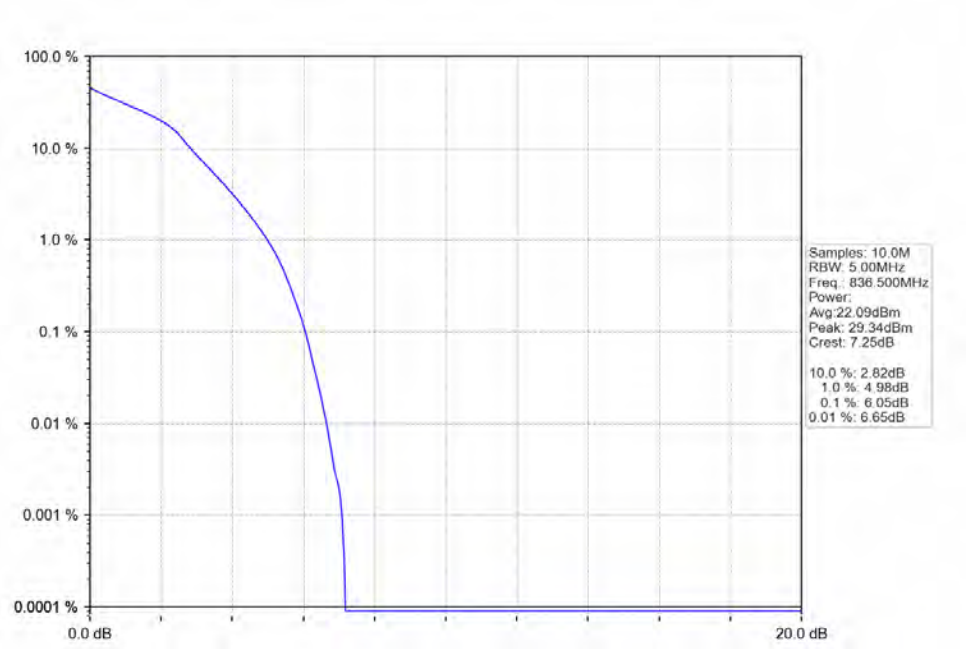
Band26_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV

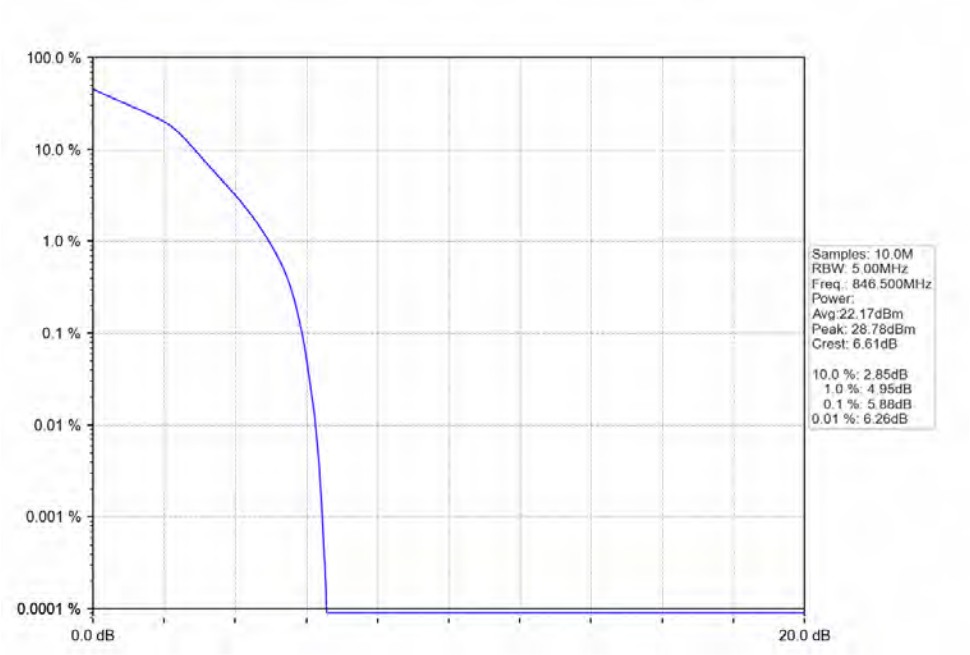


Band26_5MHz_64QAM_LCH_826.5MHz_RB_25_0_NTNV

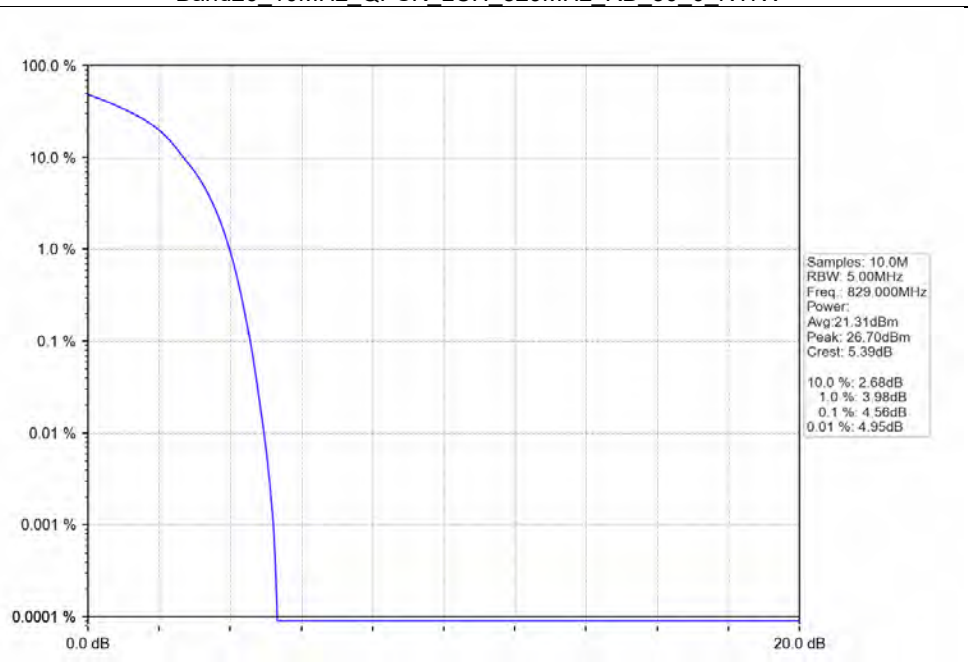


Band26_5MHz_64QAM_MCH_836.5MHz_RB_25_0_NTNV

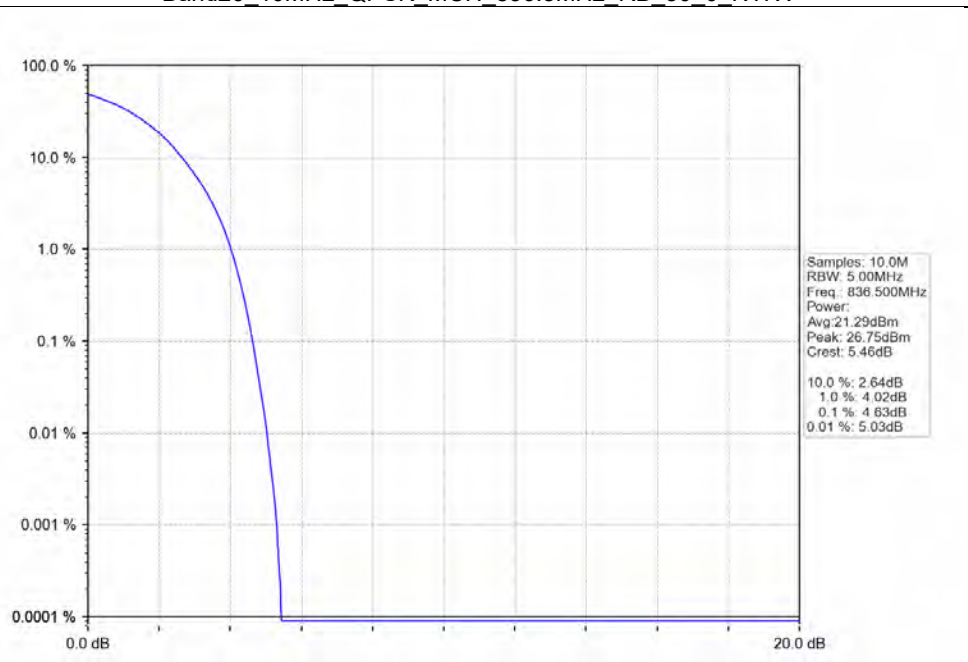


Band26_5MHz_64QAM_HCH_846.5MHz_RB_25_0_NTNV


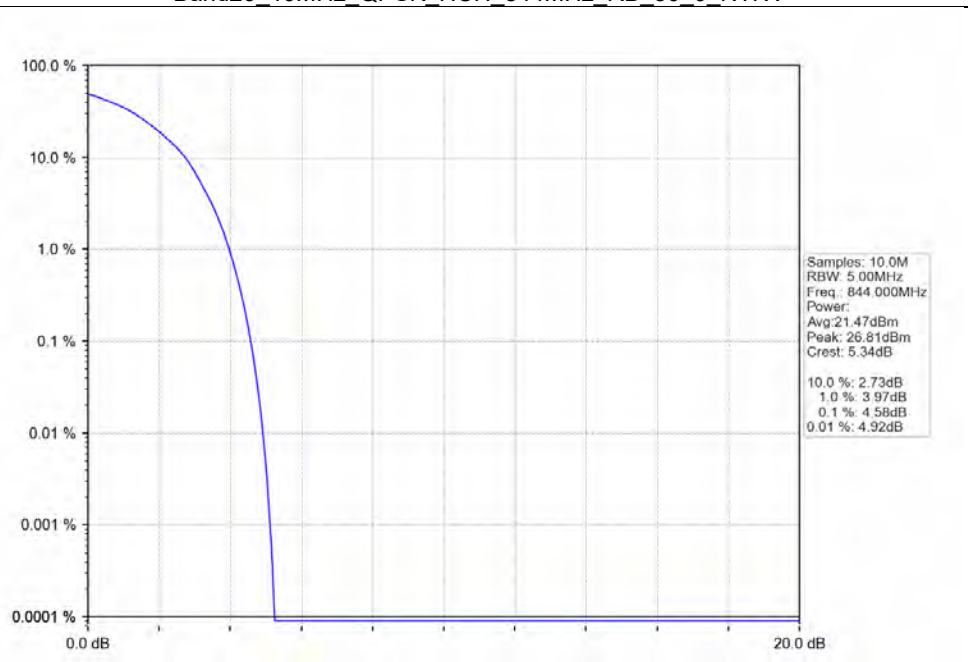
Band26_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV



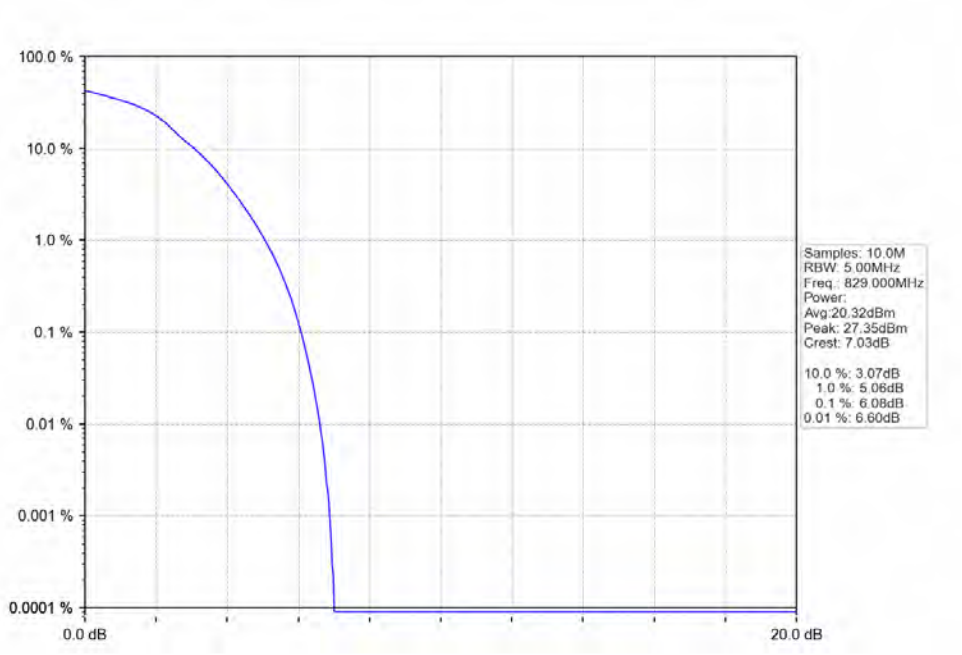
Band26_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



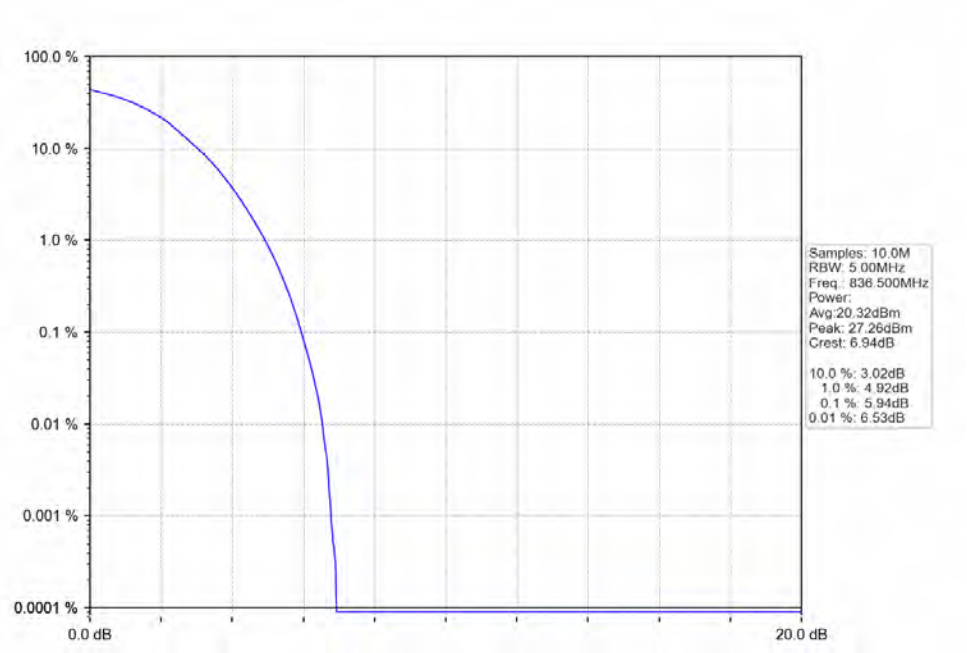
Band26_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



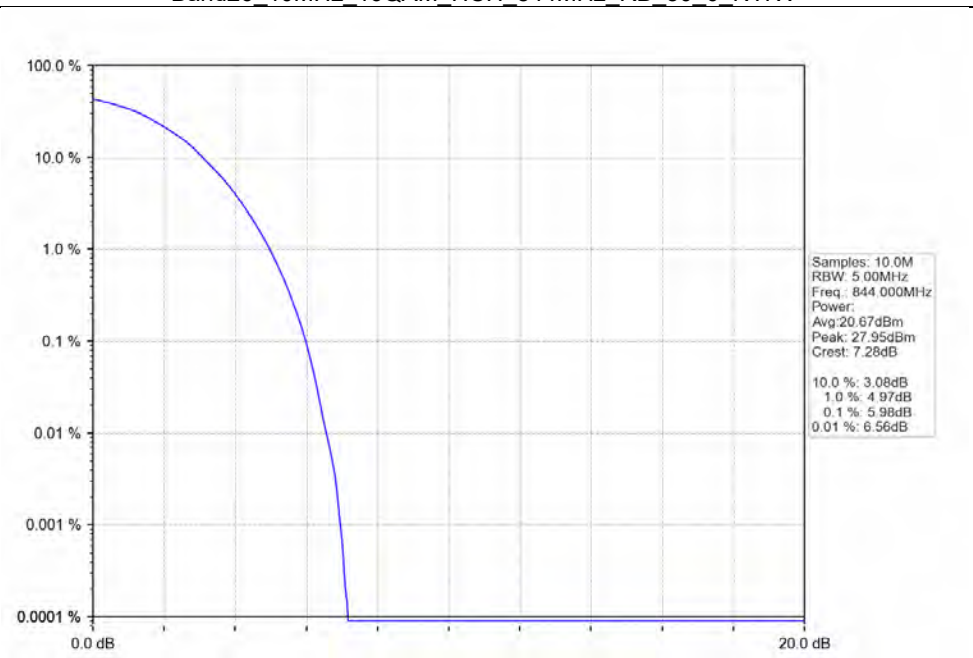
Band26_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV



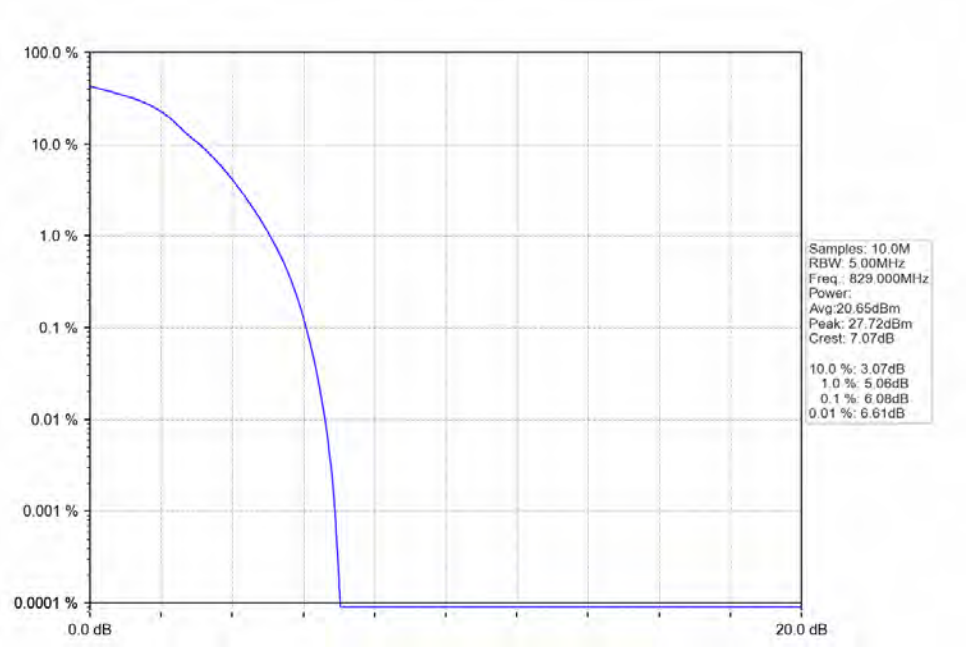
Band26_10MHz_16QAM_MCH_836.5MHz_RB_50_0_NTNV



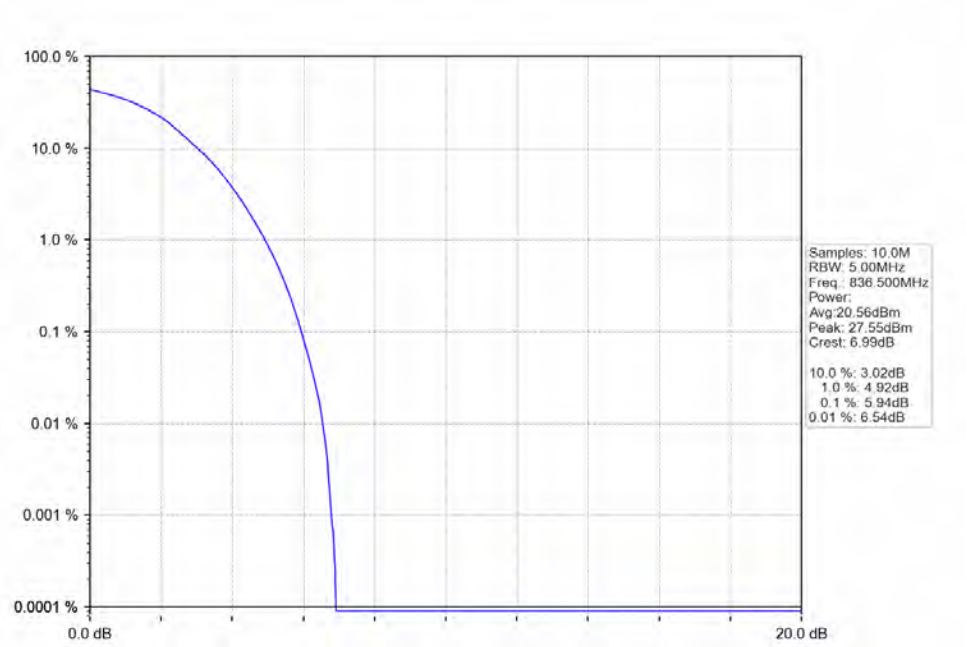
Band26_10MHz_16QAM_HCH_844MHz_RB_50_0_NTNV

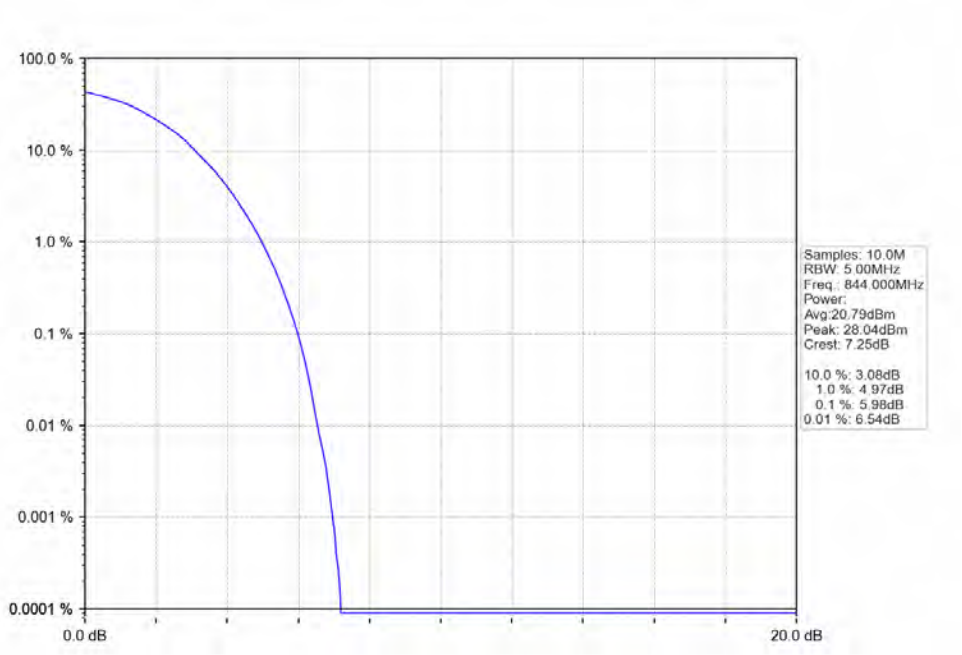


Band26_10MHz_64QAM_LCH_829MHz_RB_50_0_NTNV

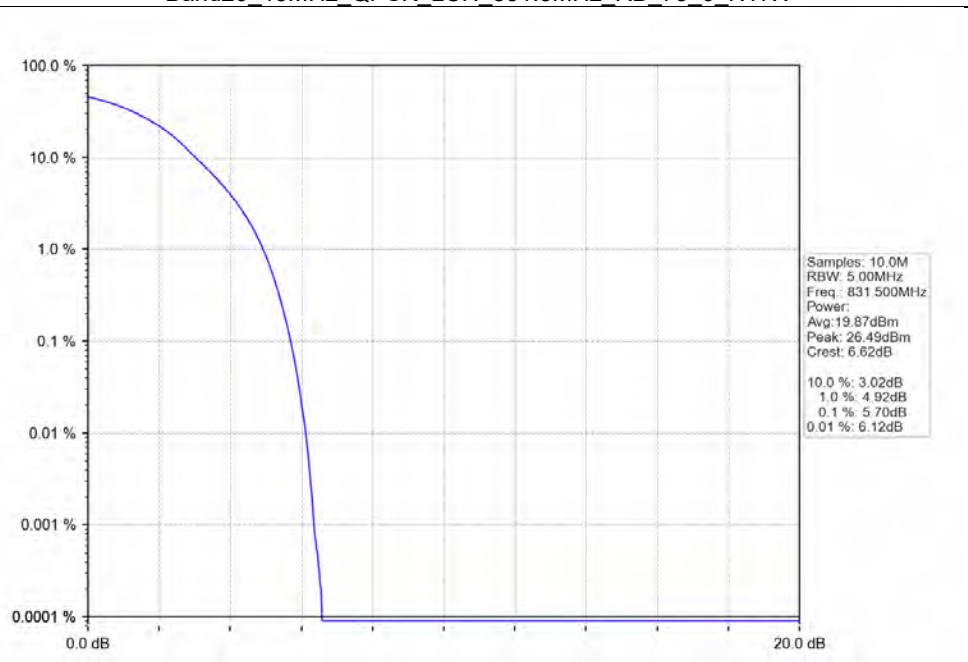


Band26_10MHz_64QAM_MCH_836.5MHz_RB_50_0_NTNV

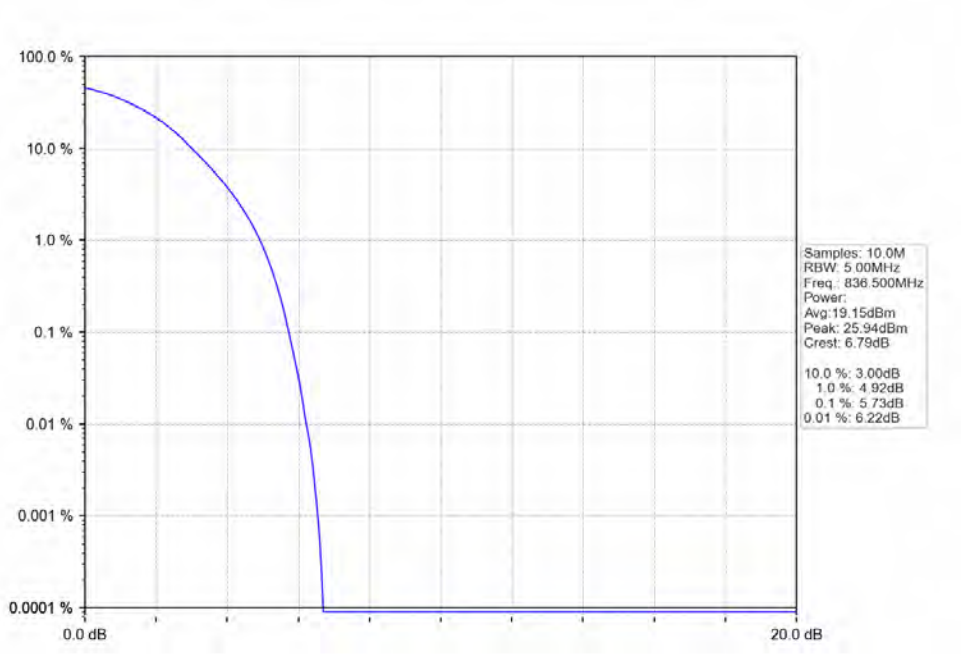


Band26_10MHz_64QAM_HCH_844MHz_RB_50_0_NTNV


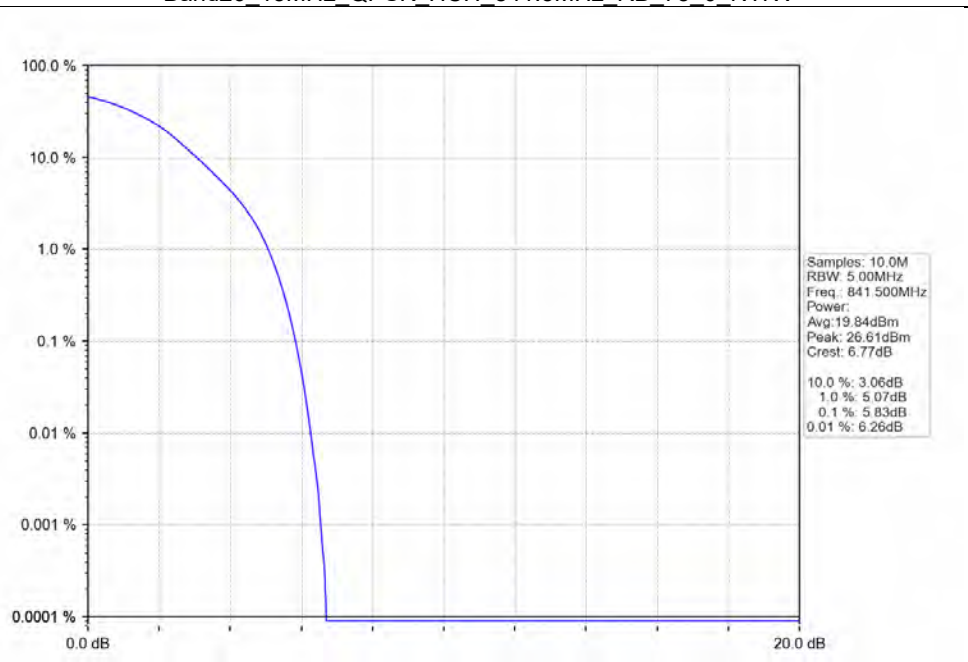
Band26_15MHz_QPSK_LCH_831.5MHz_RB_75_0_NTNV



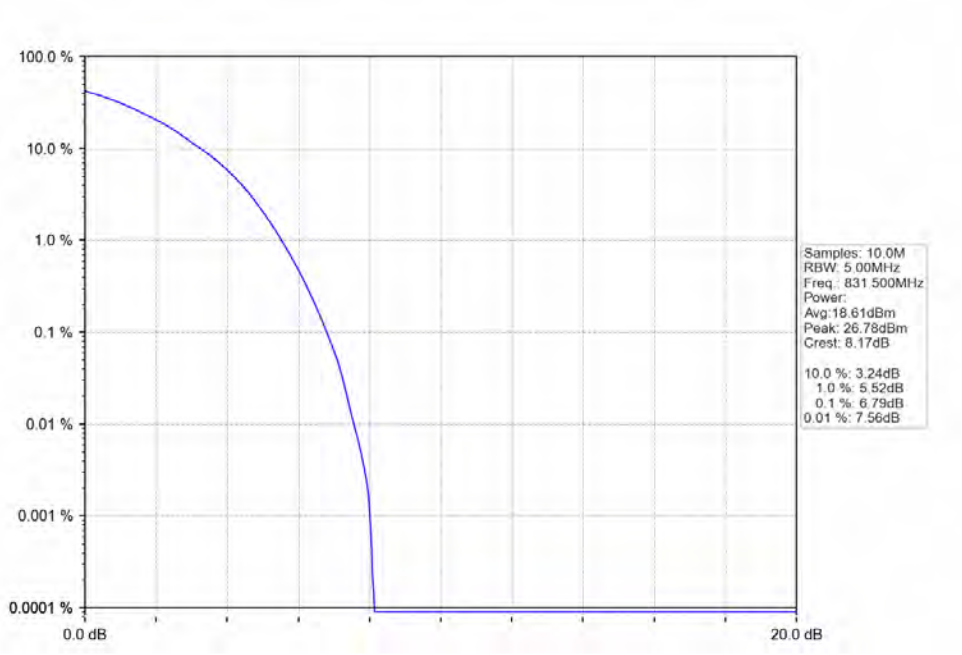
Band26_15MHz_QPSK_MCH_836.5MHz_RB_75_0_NTNV



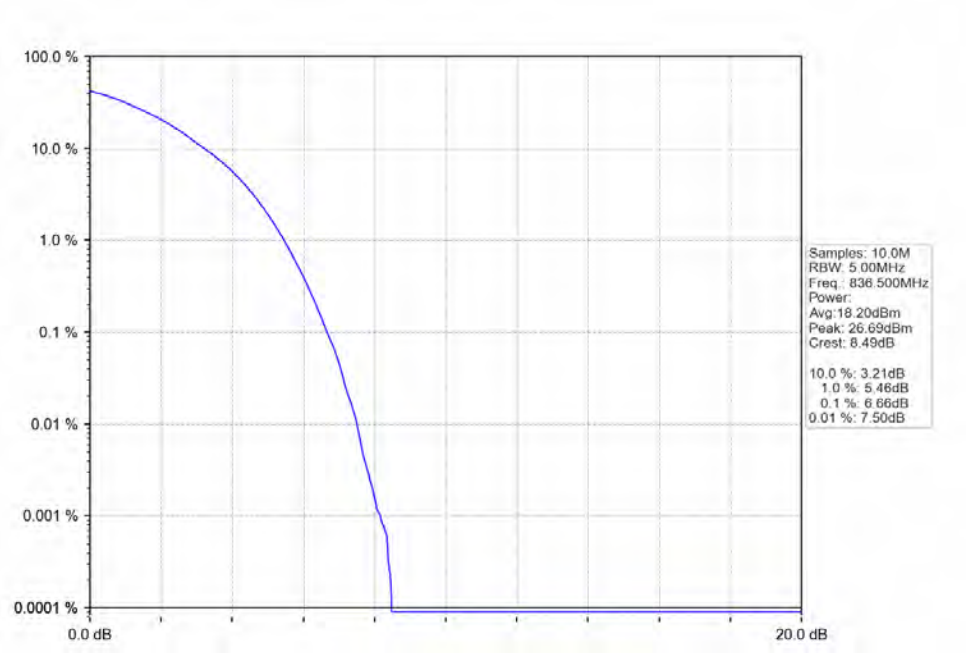
Band26_15MHz_QPSK_HCH_841.5MHz_RB_75_0_NTNV



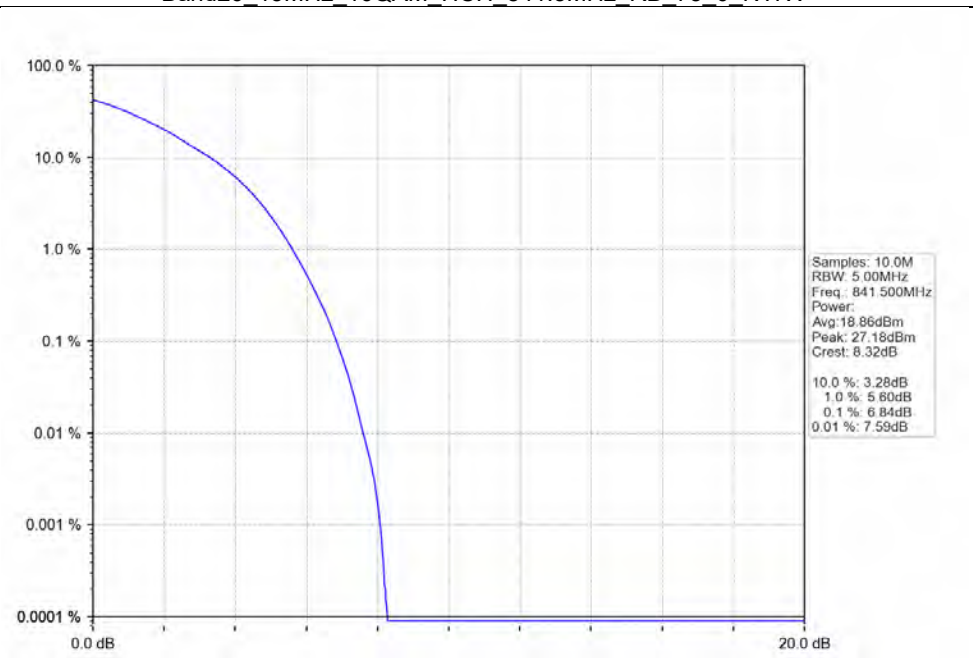
Band26_15MHz_16QAM_LCH_831.5MHz_RB_75_0_NTNV



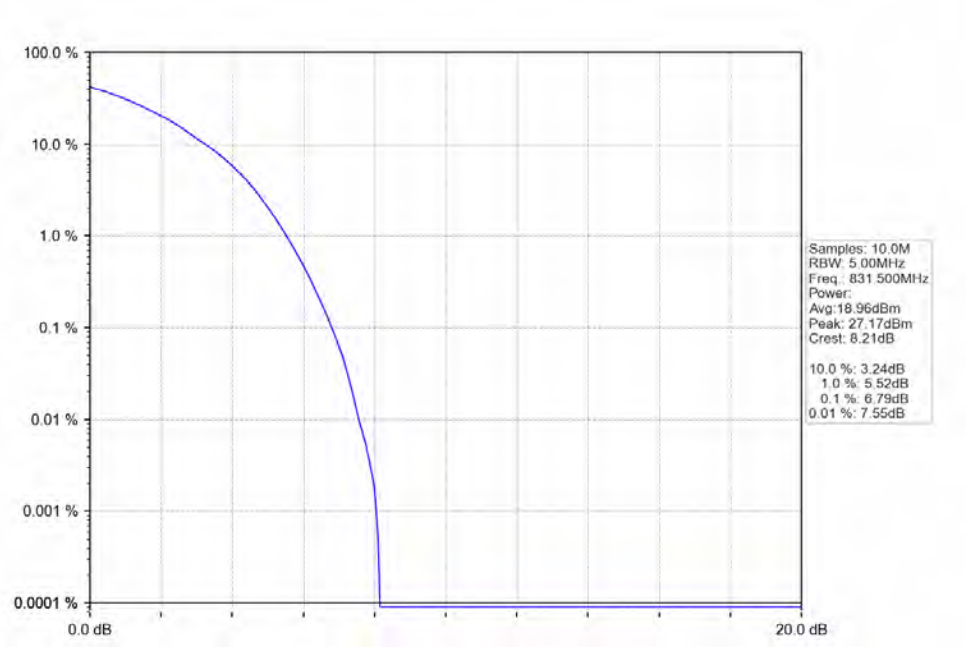
Band26_15MHz_16QAM_MCH_836.5MHz_RB_75_0_NTNV



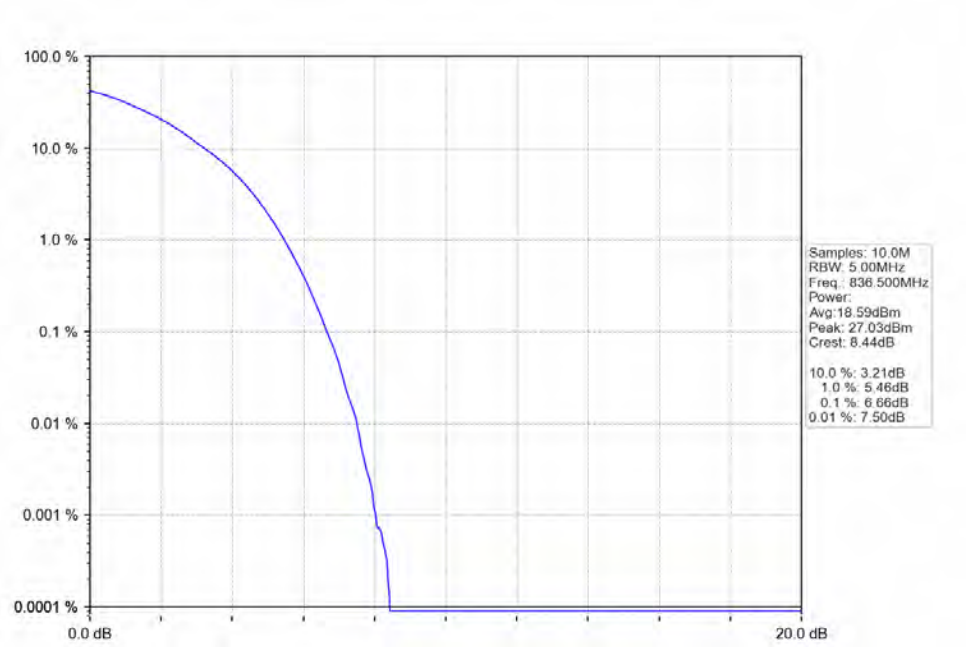
Band26_15MHz_16QAM_HCH_841.5MHz_RB_75_0_NTNV



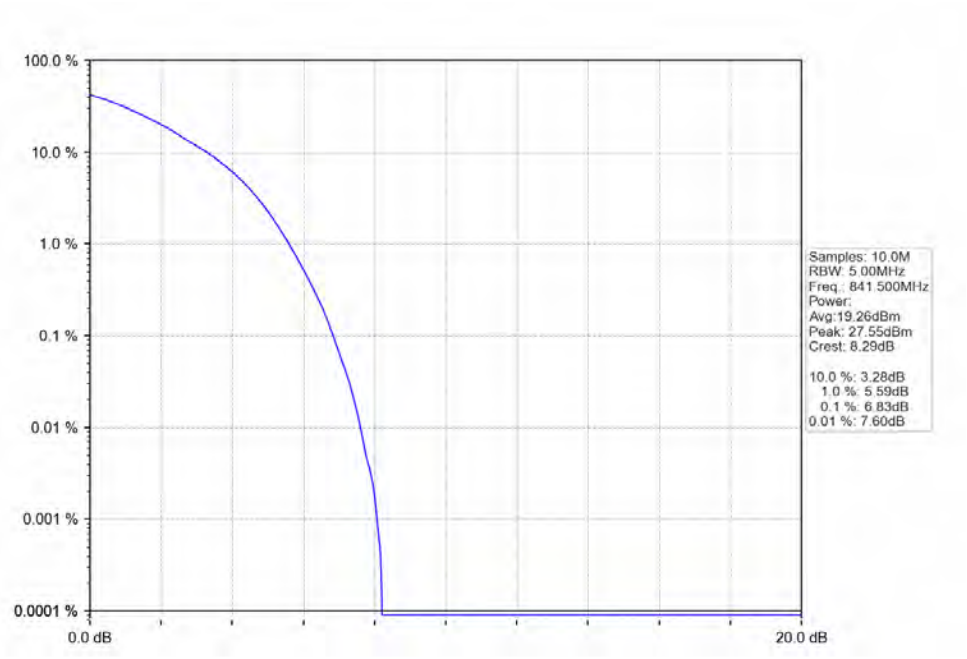
Band26_15MHz_64QAM_LCH_831.5MHz_RB_75_0_NTNV



Band26_15MHz_64QAM_MCH_836.5MHz_RB_75_0_NTNV



Band26_15MHz_64QAM_HCH_841.5MHz_RB_75_0_NTNV



4. Spurious Emission

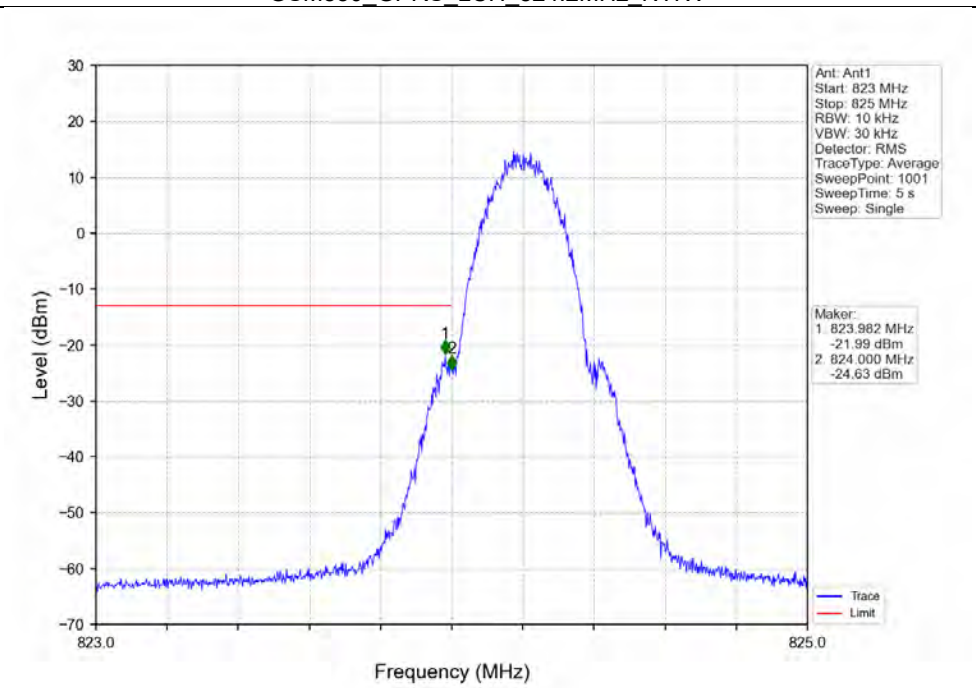
4.1 GSM850

4.1.1 Test Result

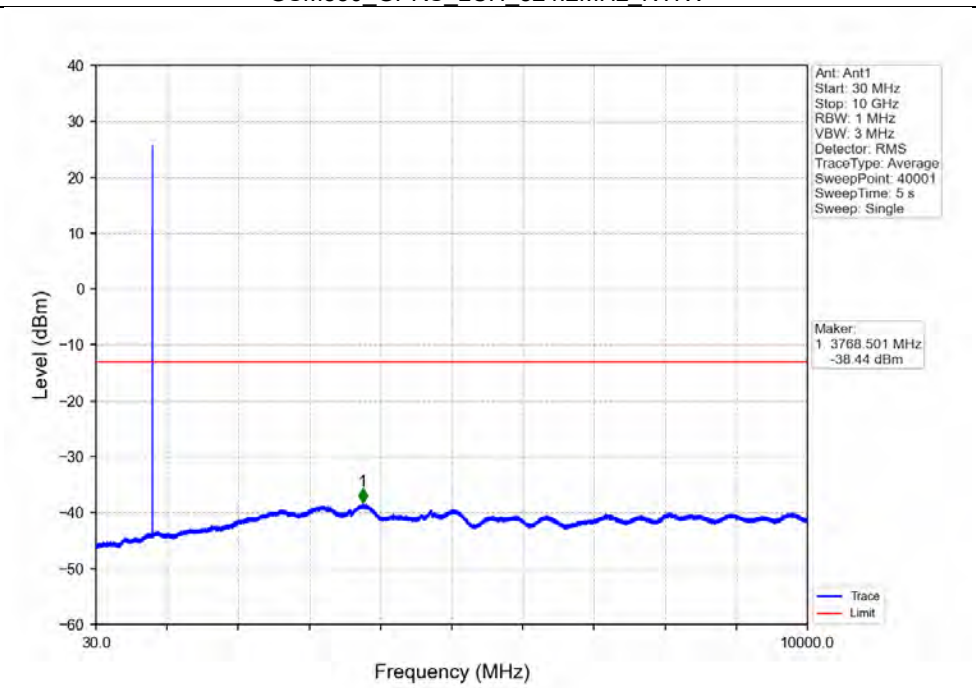
Band: GSM850							
ENV	Mode		Spurious Emission				Verdict
	Network	Subset	LCH	MCH	HCH	Limit	
NTNV	GPRS	/	Refer To Test Graph	Refer To Test Graph	Refer To Test Graph	Refer To Test Graph	Pass
	EGPRS	/	Refer To Test Graph	Refer To Test Graph	Refer To Test Graph	Refer To Test Graph	Pass

4.1.2 Test Graph

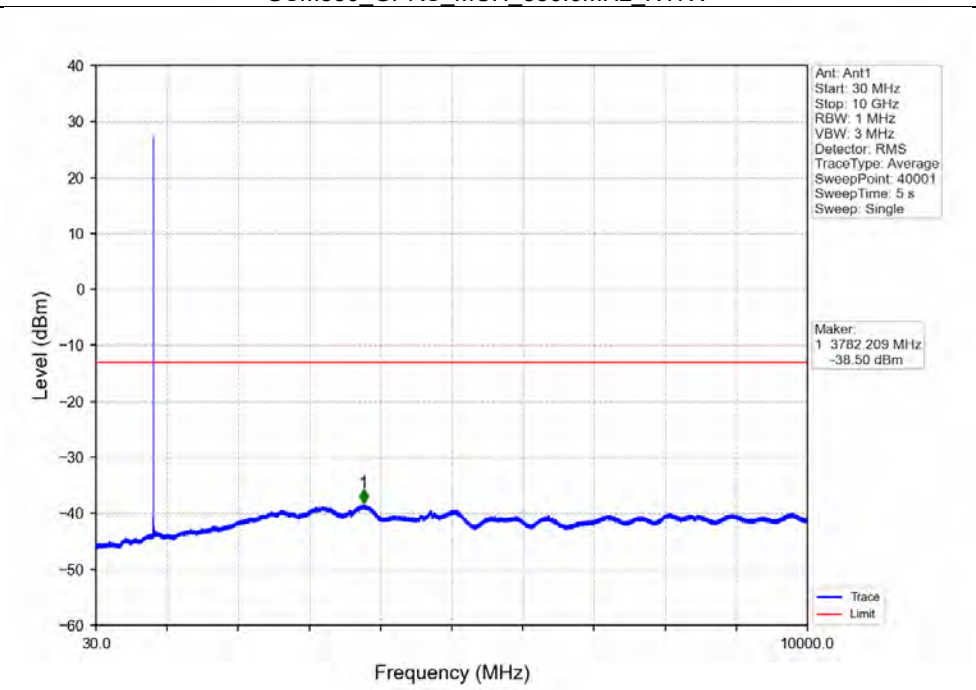
GSM850_GPRS_LCH_824.2MHz_NTNV



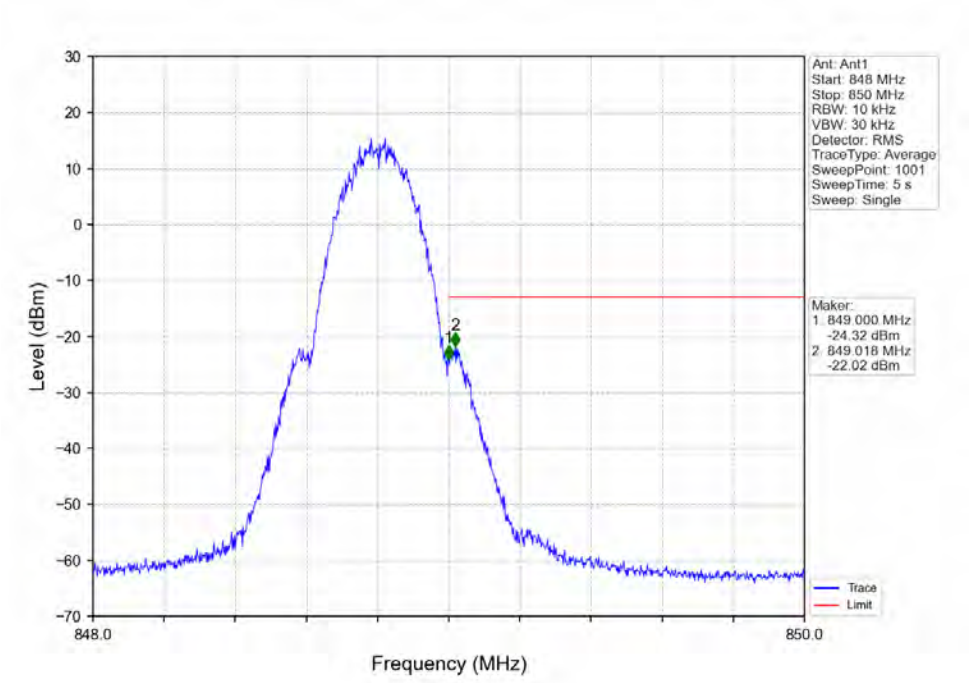
GSM850_GPRS_LCH_824.2MHz_NTNV



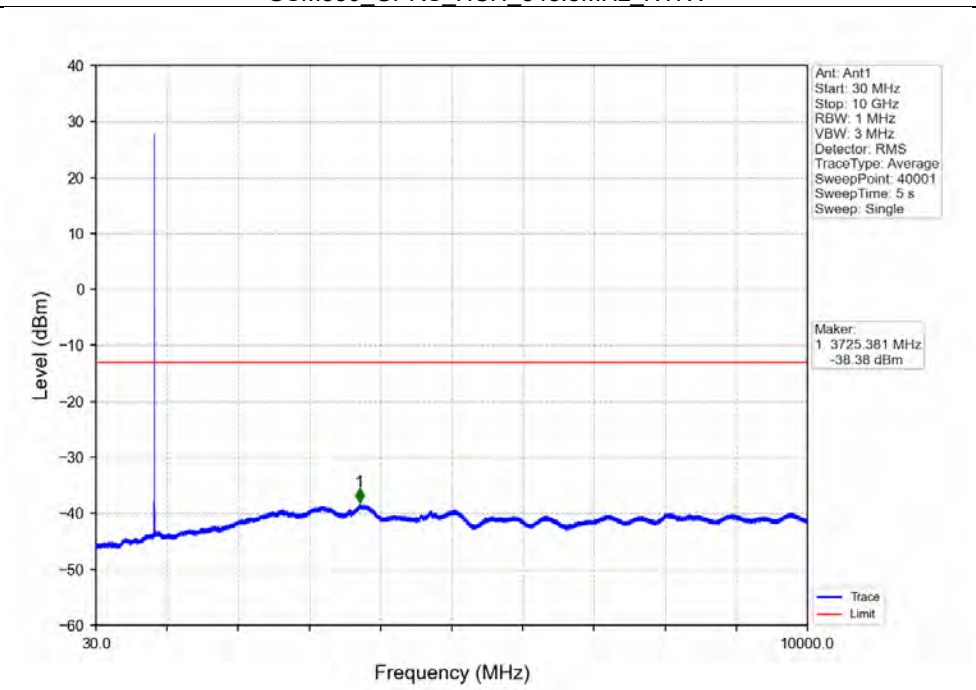
GSM850_GPRS_MCH_836.6MHz_NTNV



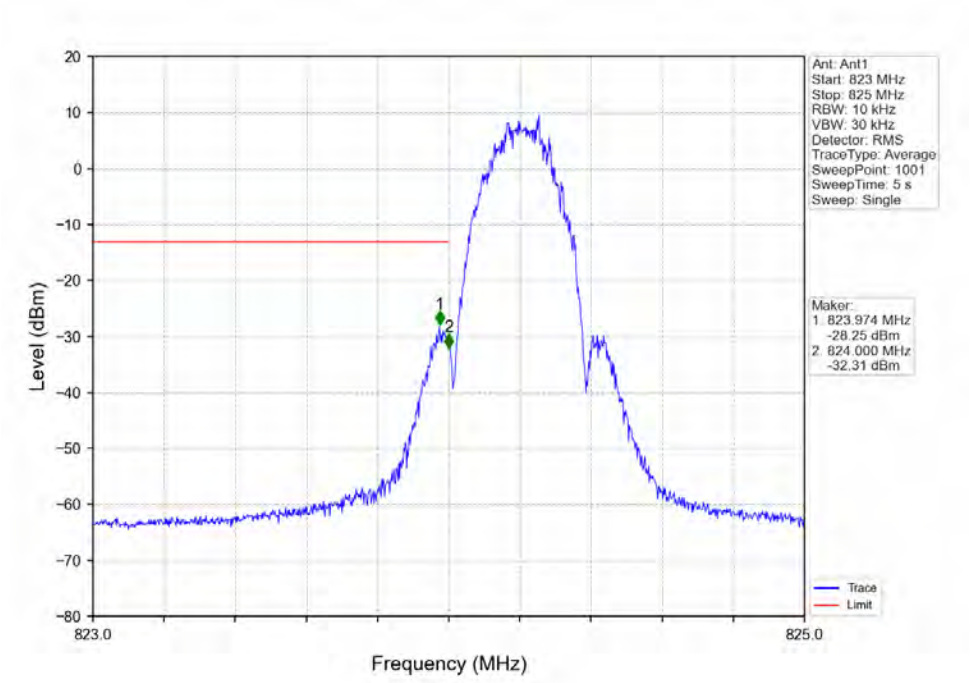
GSM850_GPRS_HCH_848.8MHz_NTNV



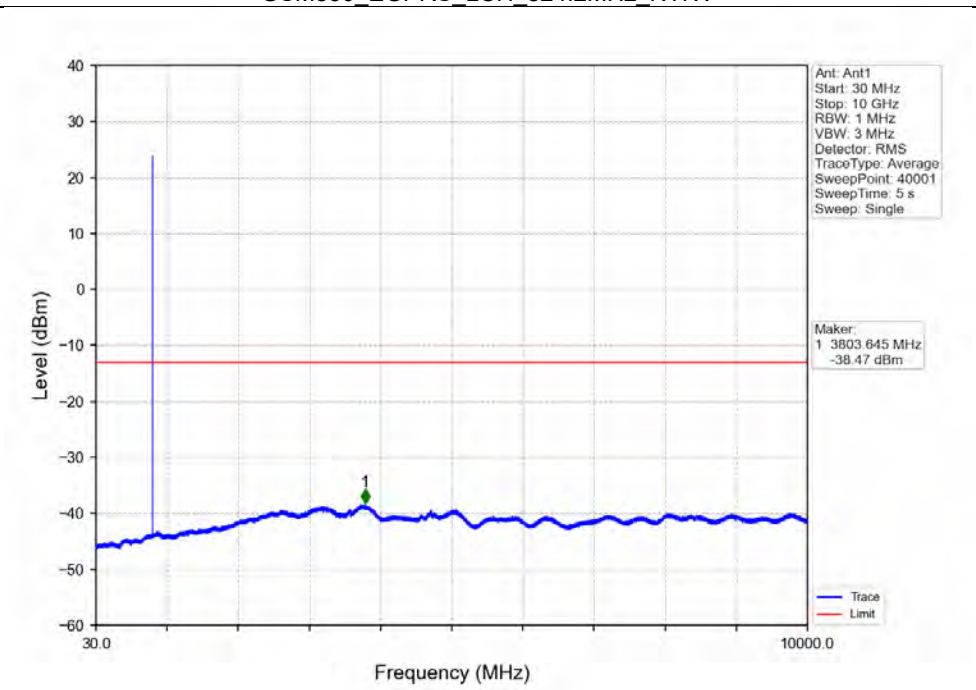
GSM850_GPRS_HCH_848.8MHz_NTNV



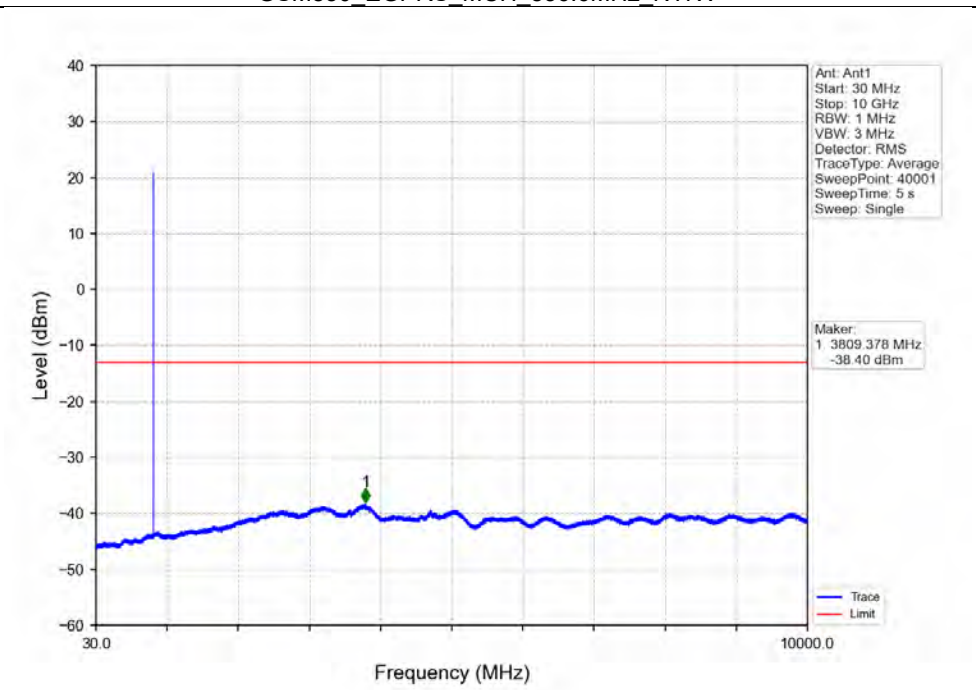
GSM850_EGPRS_LCH_824.2MHz_NTNV



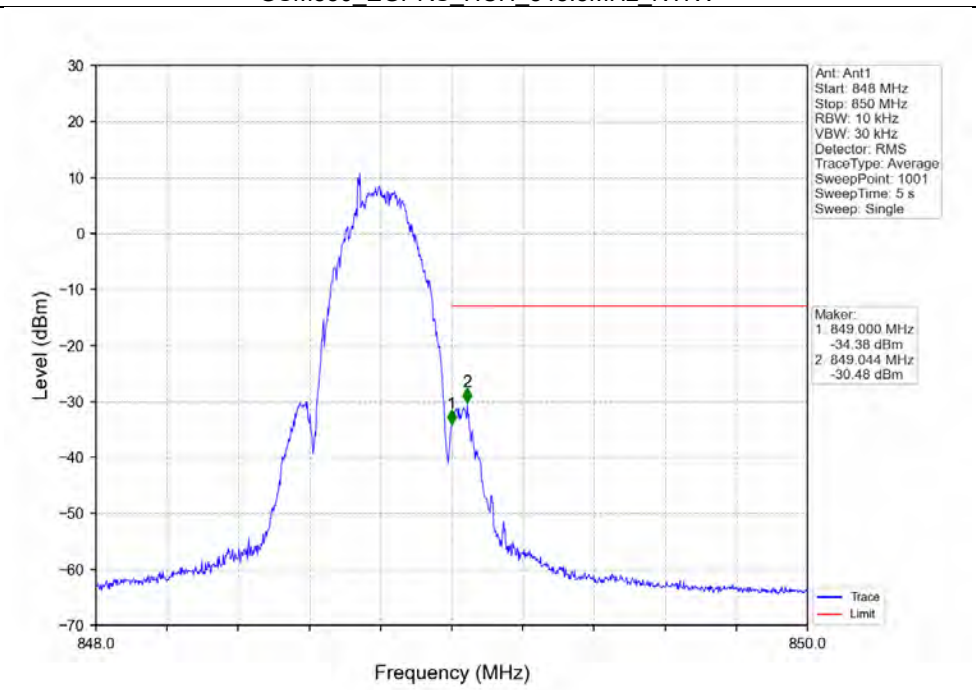
GSM850_EGPRS_LCH_824.2MHz_NTNV



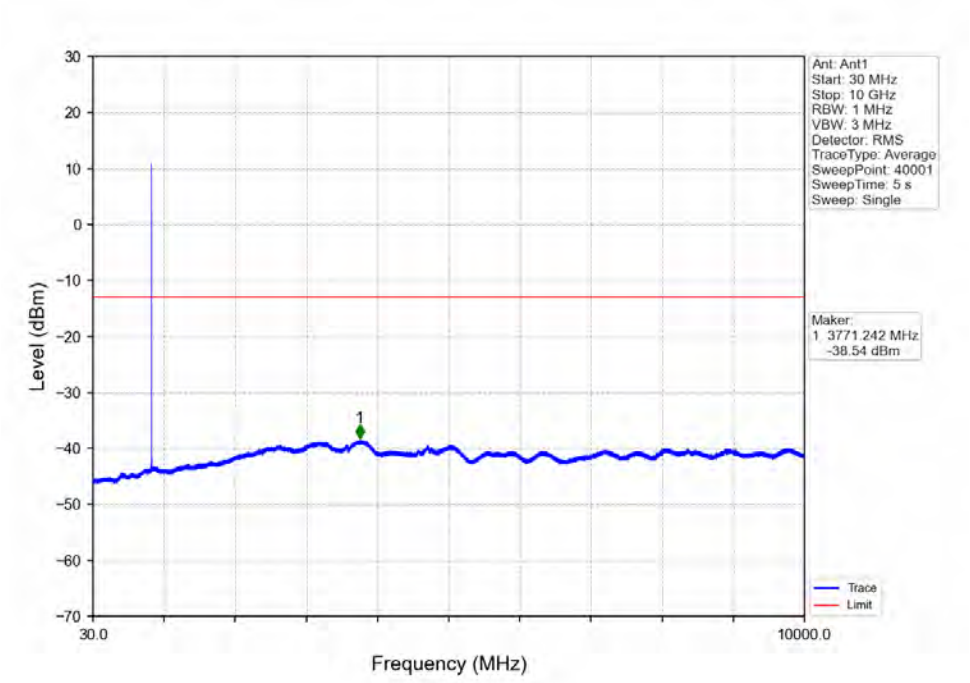
GSM850_EGPRS_MCH_836.6MHz_NTNV



GSM850_EGPRS_HCH_848.8MHz_NTNV



GSM850_EGPRS_HCH_848.8MHz_NTNV



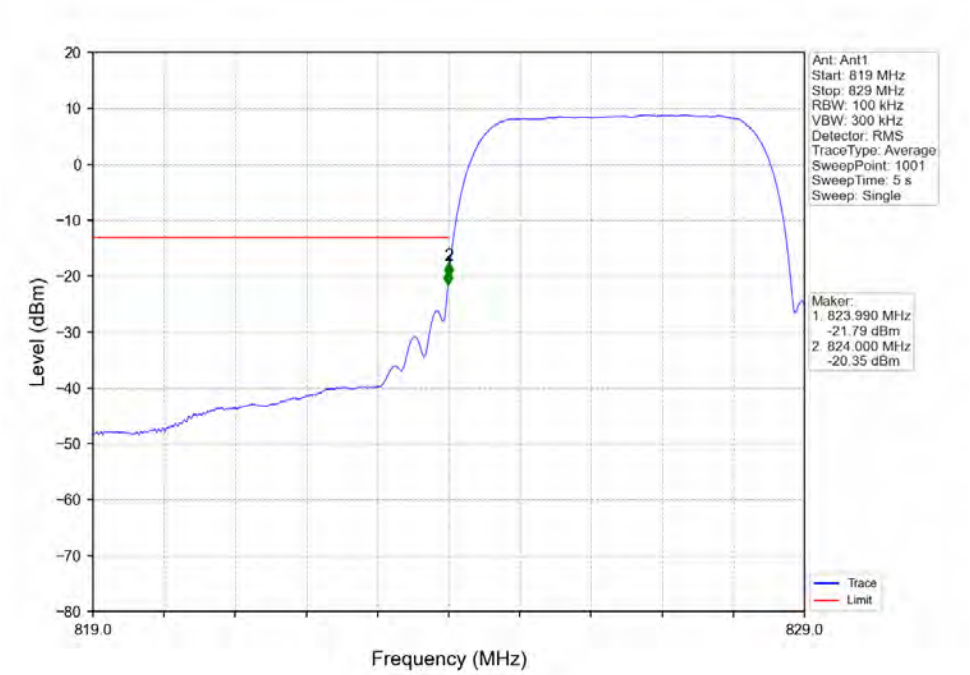
4.2 WCDMA_Band5

4.2.1 Test Result

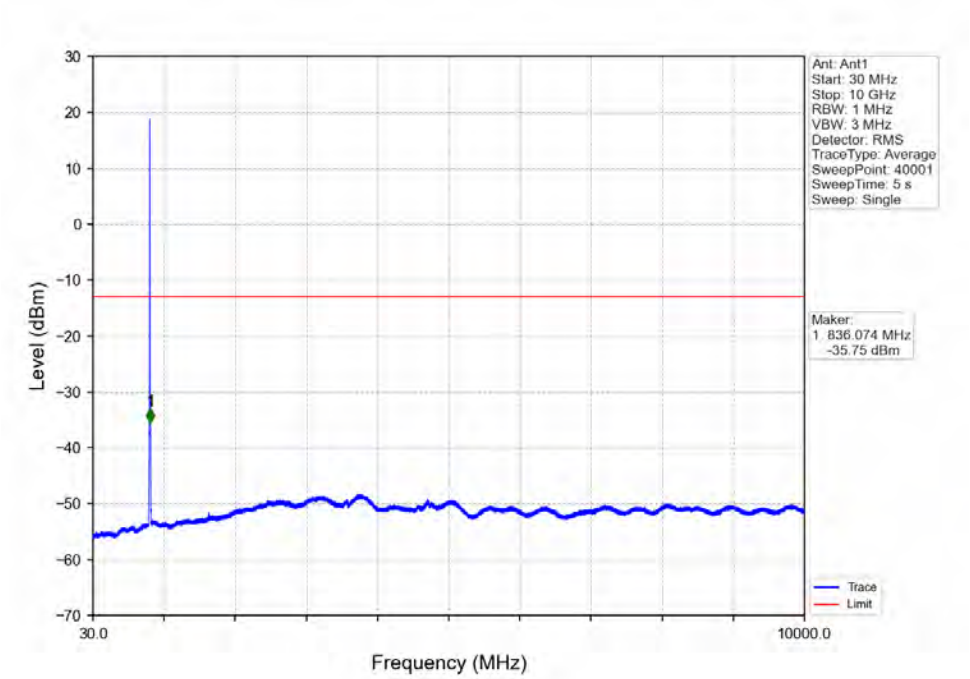
Band: 5							
ENV	Mode		Spurious Emission				Verdict
	Network	Subset	LCH	MCH	HCH	Limit	
NTNV	RMC	4.0.2kbps RMC	Refer To Test Graph	Refer To Test Graph	Refer To Test Graph	Refer To Test Graph	Pass

4.2.2 Test Graph

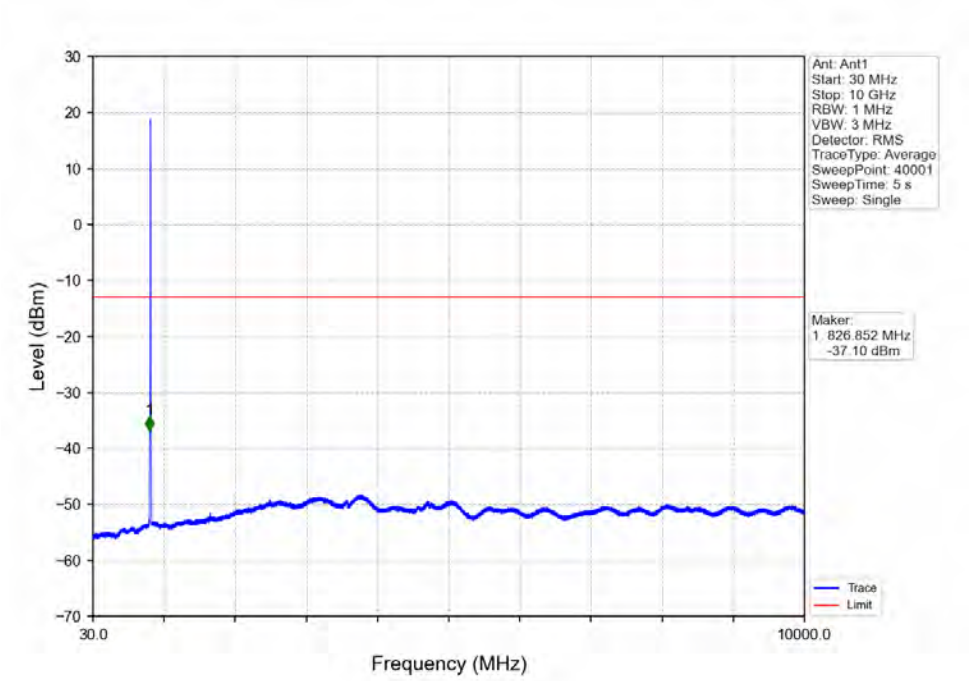
Band_5_RMC_LCH_826.4MHz_4.0.2kbps RMC_NTNV



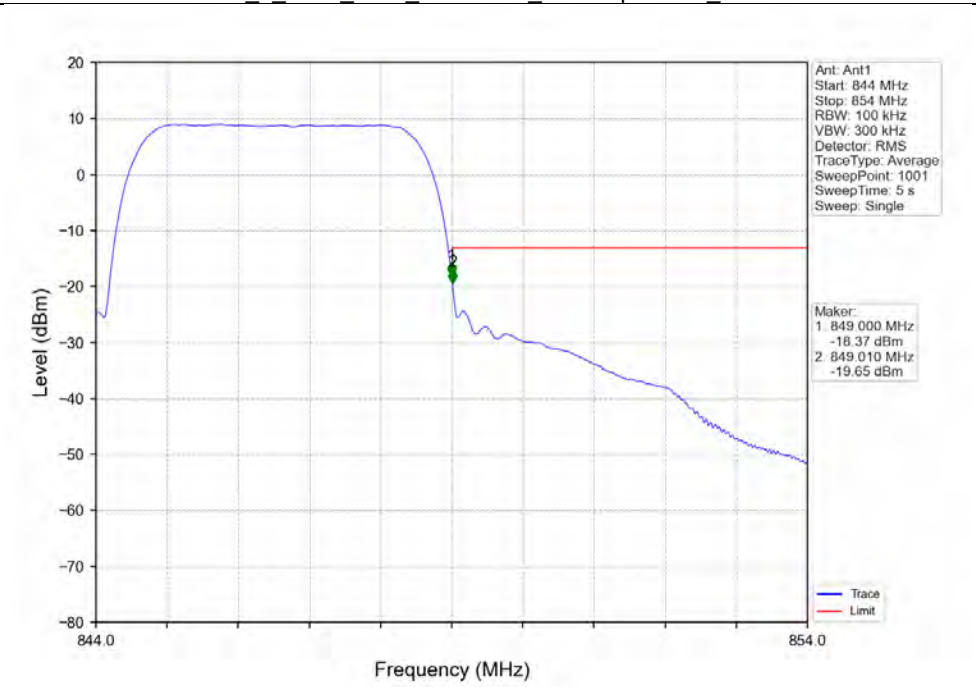
Band_5_RMC_LCH_826.4MHz_4.0.2kbps RMC_NTNV

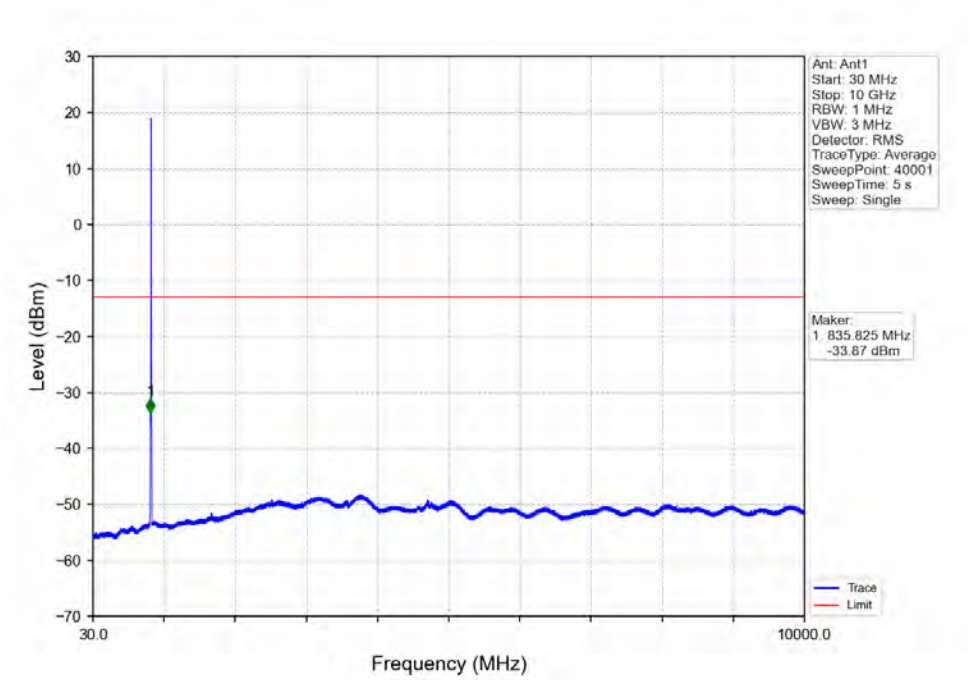


Band_5_RMC_MCH_836.6MHz_4.0.2kbps RMC_NTNV



Band_5_RMC_HCH_846.6MHz_4.0.2kbps RMC_NTNV



Band_5_RMC_HCH_846.6MHz_4.0.2kbps RMC_NTNV


4.3 LTE Band 5

4.3.1 Test Result

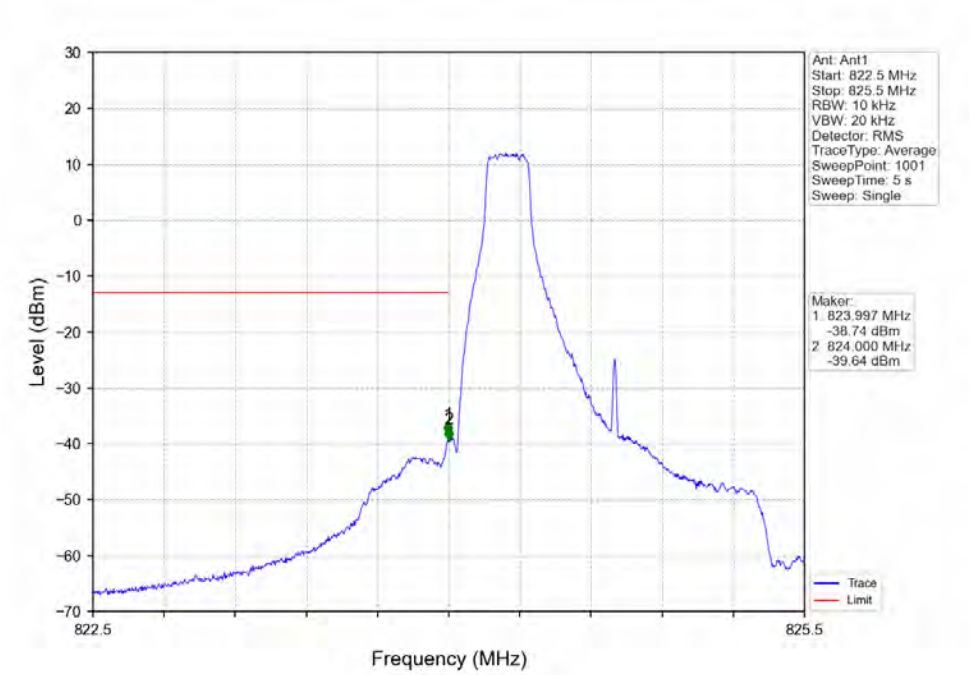
Band: 5 / Bandwidth: 1.4MHz / NTNV							
Modulation	RB Allocation		Spurious Emission				Verdict
	Size	Offset	LCH	MCH	HCH	Limit	
QPSK	1	0	Refer To Test Graph	Refer To Test Graph	Refer To Test Graph	Refer To Test Graph	Pass
	6	0	Refer To Test Graph	/	Refer To Test Graph	Refer To Test Graph	Pass
	1	5	/	/	Refer To Test Graph	Refer To Test Graph	Pass
16QAM	1	0	Refer To Test Graph	Refer To Test Graph	Refer To Test Graph	Refer To Test Graph	Pass
	6	0	Refer To Test Graph	/	Refer To Test Graph	Refer To Test Graph	Pass
	1	5	/	/	Refer To Test Graph	Refer To Test Graph	Pass
64QAM	1	0	Refer To Test Graph	Refer To Test Graph	Refer To Test Graph	Refer To Test Graph	Pass
	6	0	Refer To Test Graph	/	Refer To Test Graph	Refer To Test Graph	Pass
	1	5	/	/	Refer To Test Graph	Refer To Test Graph	Pass

Band: 5 / Bandwidth: 3MHz / NTNV							
Modulation	RB Allocation		Spurious Emission				Verdict
	Size	Offset	LCH	MCH	HCH	Limit	
QPSK	1	0	Refer To Test Graph	Refer To Test Graph	Refer To Test Graph	Refer To Test Graph	Pass
	15	0	Refer To Test Graph	/	Refer To Test Graph	Refer To Test Graph	Pass
	1	14	/	/	Refer To Test Graph	Refer To Test Graph	Pass
16QAM	1	0	Refer To Test Graph	Refer To Test Graph	Refer To Test Graph	Refer To Test Graph	Pass
	15	0	Refer To Test Graph	/	Refer To Test Graph	Refer To Test Graph	Pass
	1	14	/	/	Refer To Test Graph	Refer To Test Graph	Pass
64QAM	1	0	Refer To Test Graph	Refer To Test Graph	Refer To Test Graph	Refer To Test Graph	Pass
	15	0	Refer To Test Graph	/	Refer To Test Graph	Refer To Test Graph	Pass
	1	14	/	/	Refer To Test Graph	Refer To Test Graph	Pass
Band: 5 / Bandwidth: 5MHz / NTNV							
Modulation	RB Allocation		Spurious Emission				Verdict
	Size	Offset	LCH	MCH	HCH	Limit	
QPSK	1	0	Refer To Test Graph	Refer To Test Graph	Refer To Test Graph	Refer To Test Graph	Pass
	25	0	Refer To Test Graph	/	Refer To Test Graph	Refer To Test Graph	Pass
	1	24	/	/	Refer To Test Graph	Refer To Test Graph	Pass
16QAM	1	0	Refer To Test Graph	Refer To Test Graph	Refer To Test Graph	Refer To Test Graph	Pass
	25	0	Refer To Test Graph	/	Refer To Test Graph	Refer To Test Graph	Pass
	1	24	/	/	Refer To Test Graph	Refer To Test Graph	Pass
64QAM	1	0	Refer To Test Graph	Refer To Test Graph	Refer To Test Graph	Refer To Test Graph	Pass
	25	0	Refer To Test Graph	/	Refer To Test Graph	Refer To Test Graph	Pass
	1	24	/	/	Refer To Test Graph	Refer To Test Graph	Pass

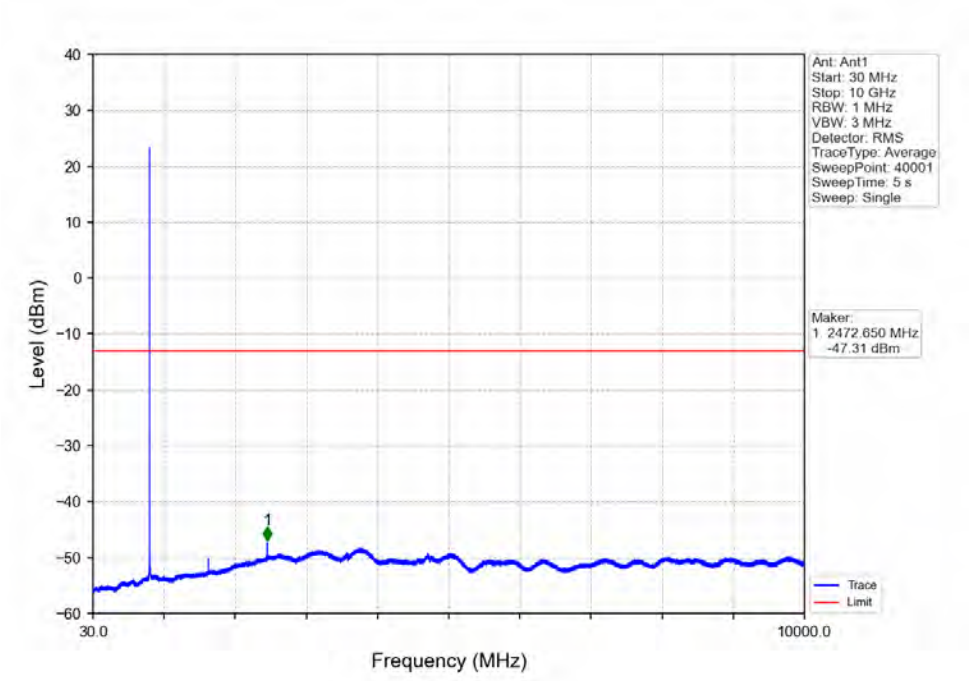
Band: 5 / Bandwidth: 10MHz / NTNV							
Modulation	RB Allocation		Spurious Emission				Verdict
	Size	Offset	LCH	MCH	HCH	Limit	
QPSK	1	0	Refer To Test Graph	Refer To Test Graph	Refer To Test Graph	Refer To Test Graph	Pass
	50	0	Refer To Test Graph	/	Refer To Test Graph	Refer To Test Graph	Pass
	1	49	/	/	Refer To Test Graph	Refer To Test Graph	Pass
16QAM	1	0	Refer To Test Graph	Refer To Test Graph	Refer To Test Graph	Refer To Test Graph	Pass
	50	0	Refer To Test Graph	/	Refer To Test Graph	Refer To Test Graph	Pass
	1	49	/	/	Refer To Test Graph	Refer To Test Graph	Pass
64QAM	1	0	Refer To Test Graph	Refer To Test Graph	Refer To Test Graph	Refer To Test Graph	Pass
	50	0	Refer To Test Graph	/	Refer To Test Graph	Refer To Test Graph	Pass
	1	49	/	/	Refer To Test Graph	Refer To Test Graph	Pass

4.3.2 Test Graph

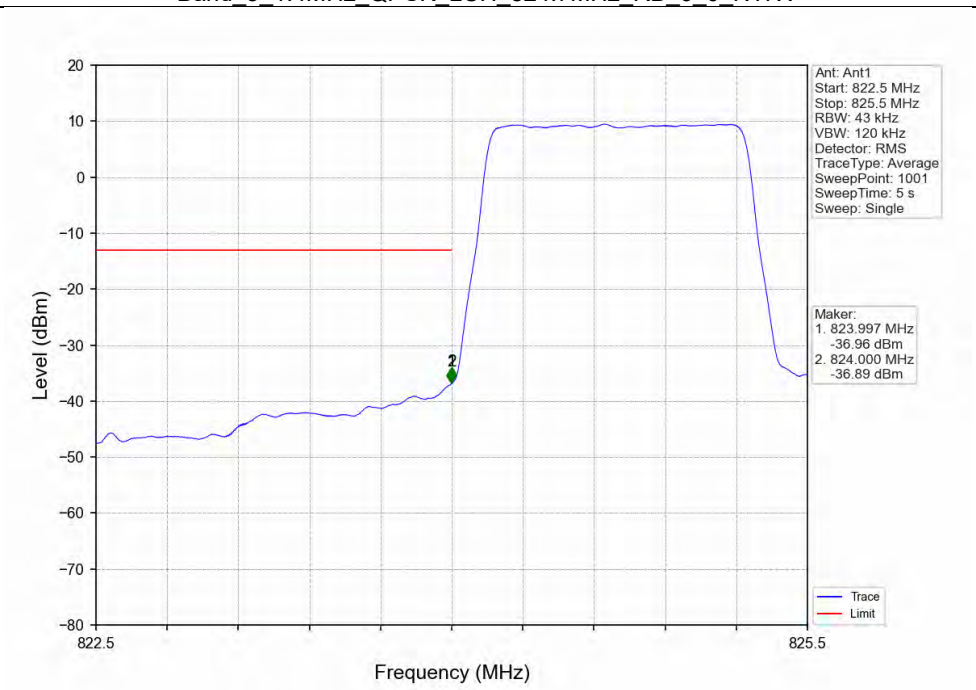
Band_5_1.4MHz_QPSK_LCH_824.7MHz_RB_1_0_NTNV



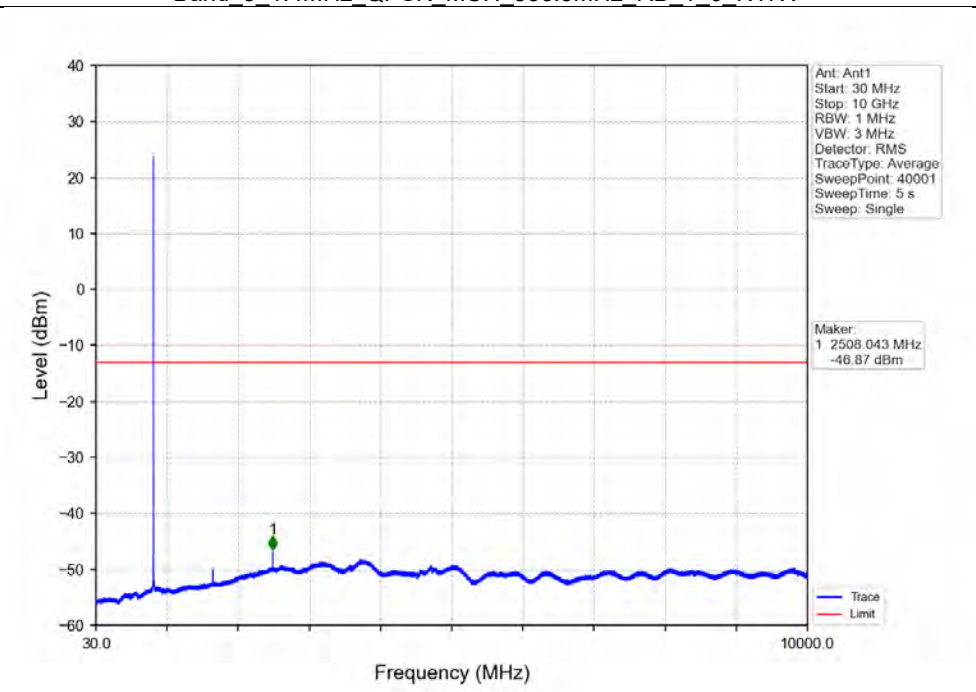
Band_5_1.4MHz_QPSK_LCH_824.7MHz_RB_1_0_NTNV



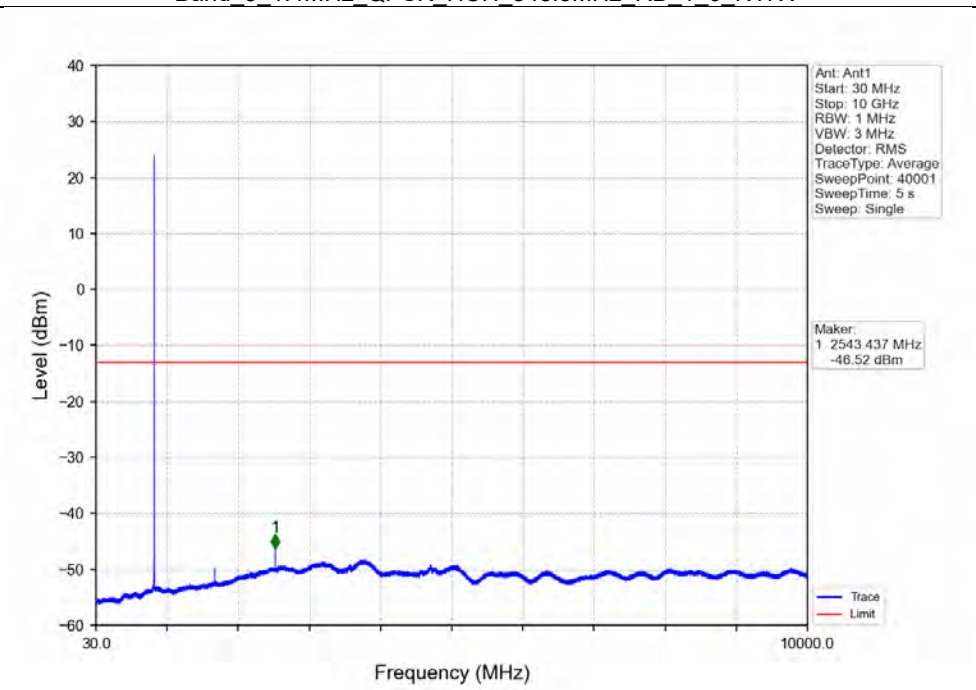
Band_5_1.4MHz_QPSK_LCH_824.7MHz_RB_6_0_NTNV



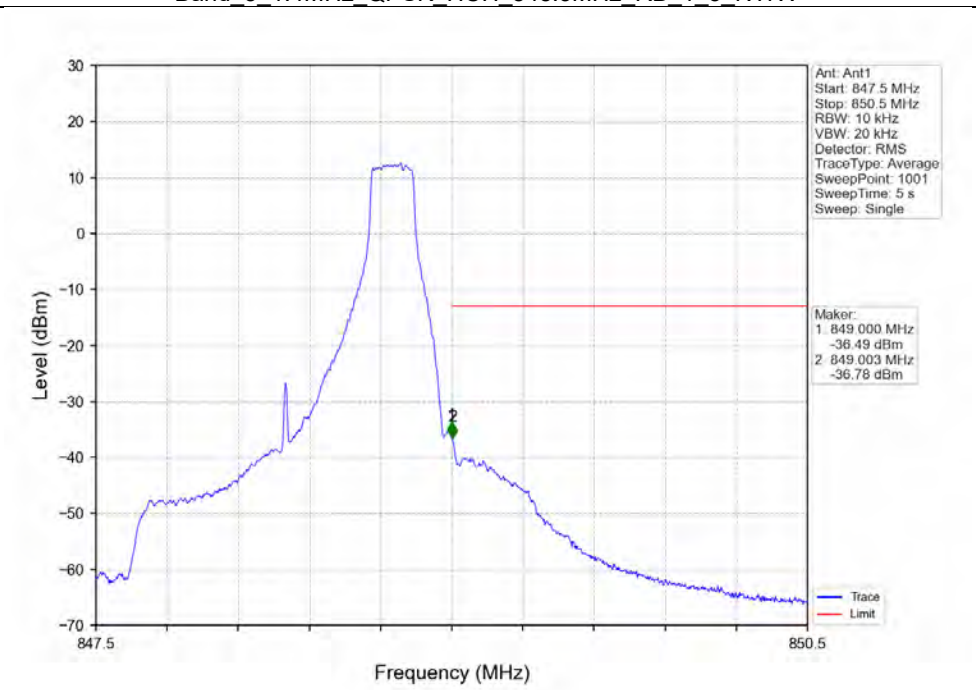
Band_5_1.4MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



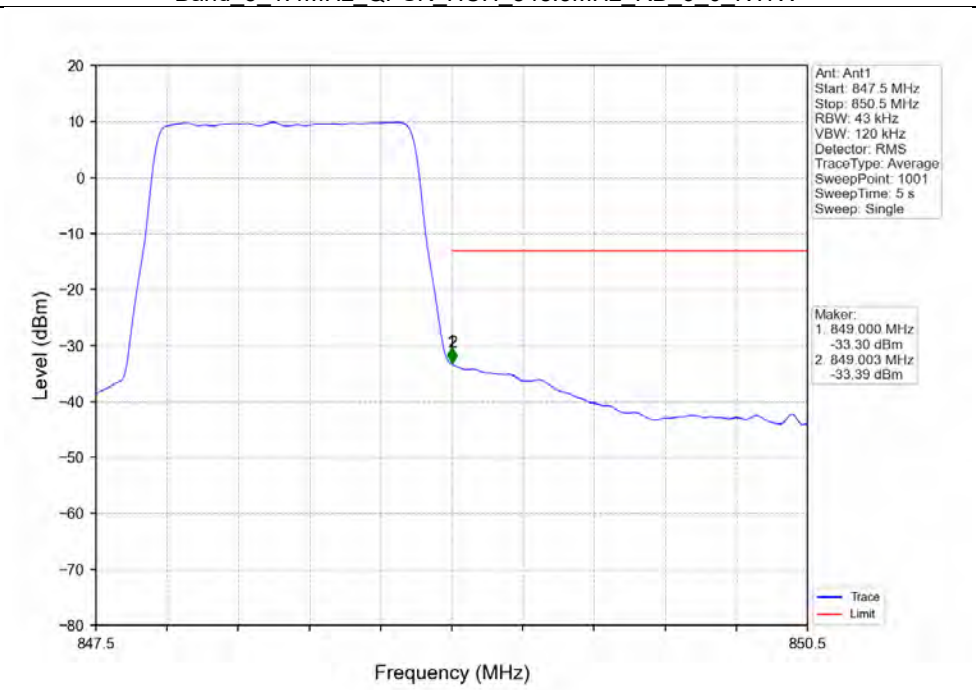
Band_5_1.4MHz_QPSK_HCH_848.3MHz_RB_1_0_NTNV



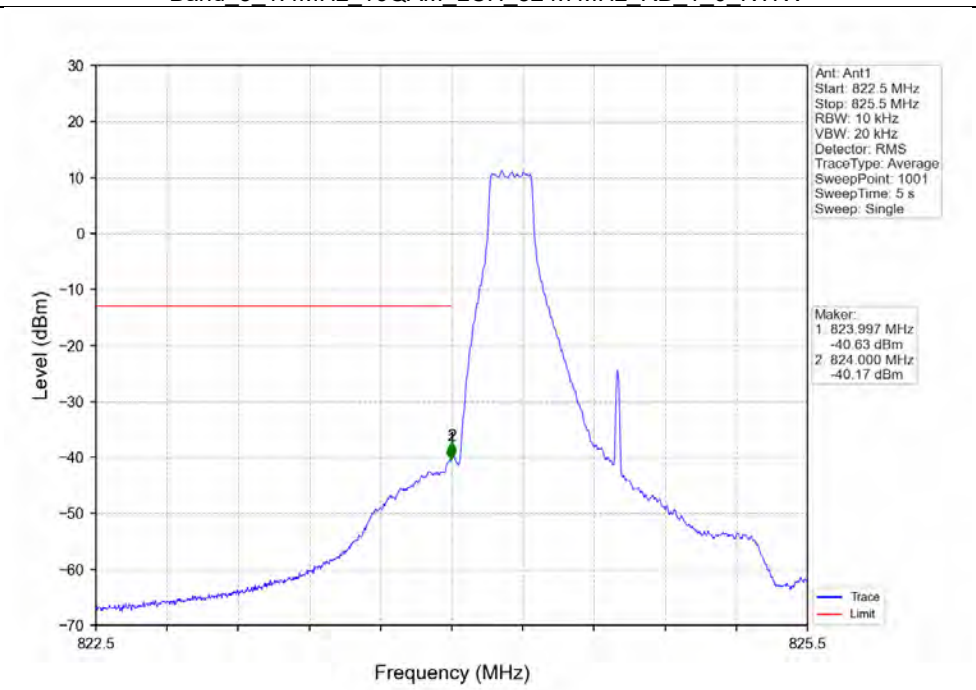
Band_5_1.4MHz_QPSK_HCH_848.3MHz_RB_1_5_NTNV



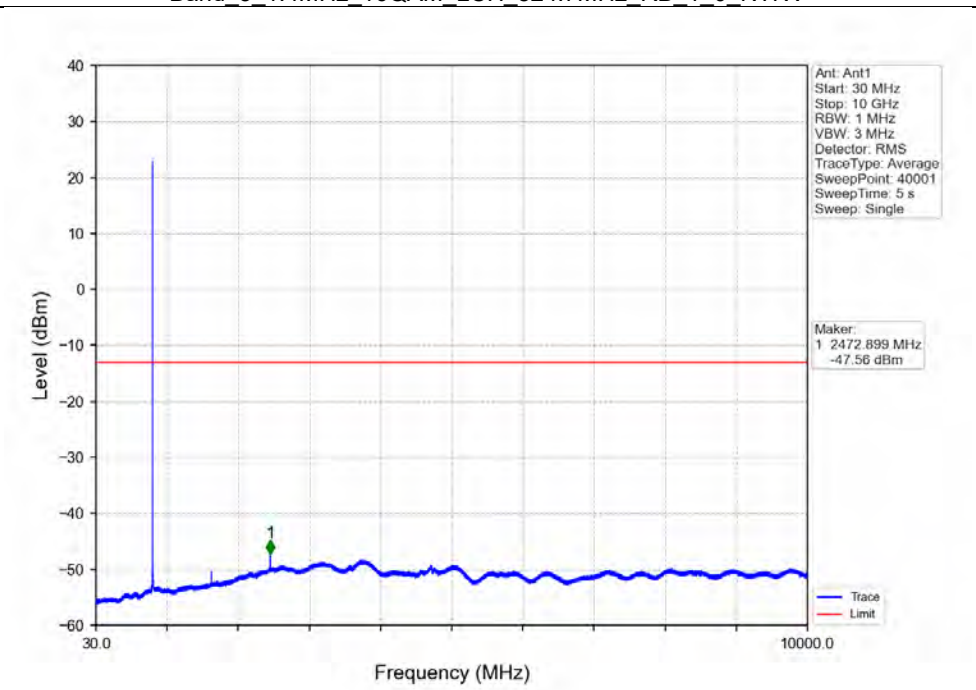
Band_5_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV



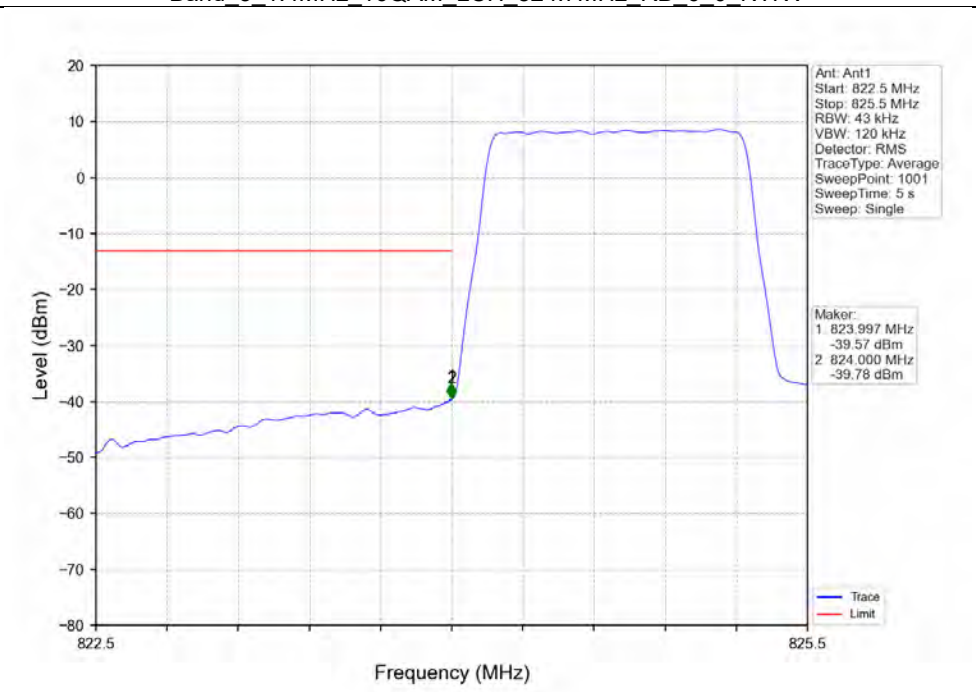
Band_5_1.4MHz_16QAM_LCH_824.7MHz_RB_1_0_NTNV



Band_5_1.4MHz_16QAM_LCH_824.7MHz_RB_1_0_NTNV



Band_5_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV



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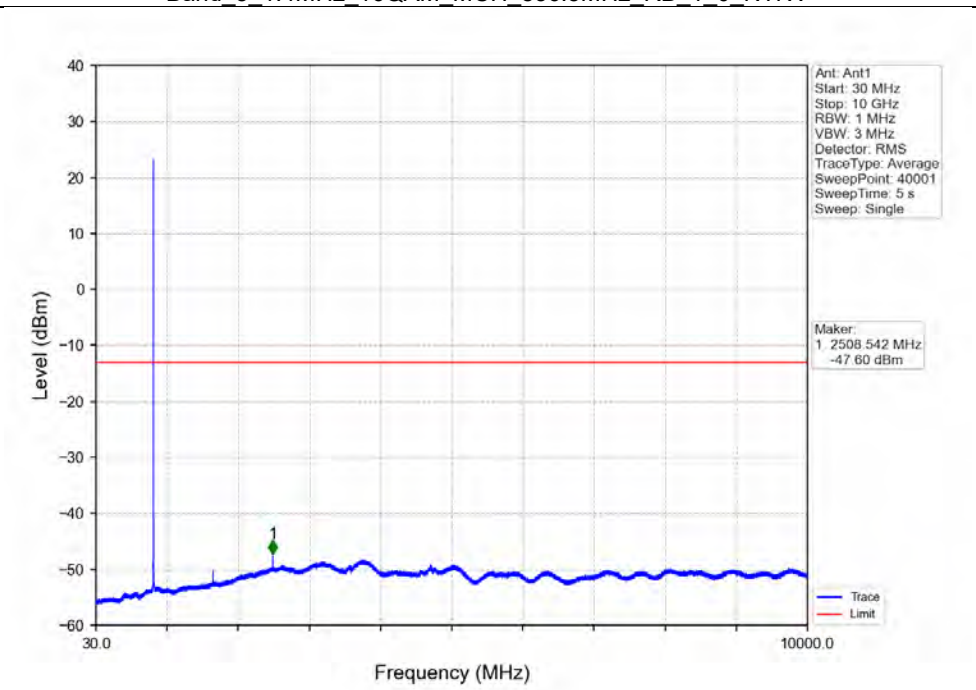
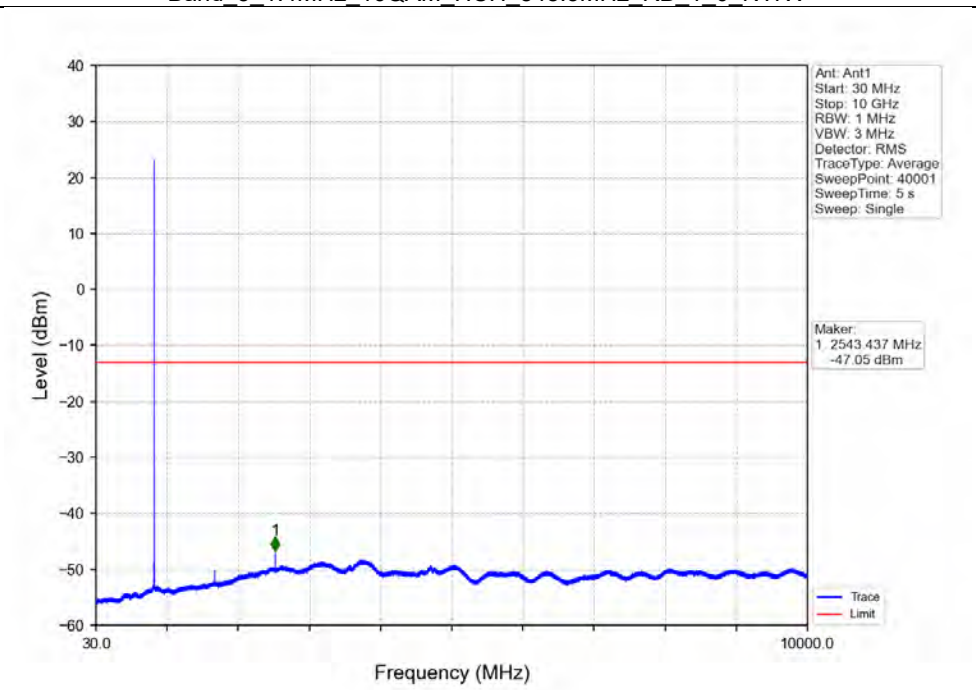
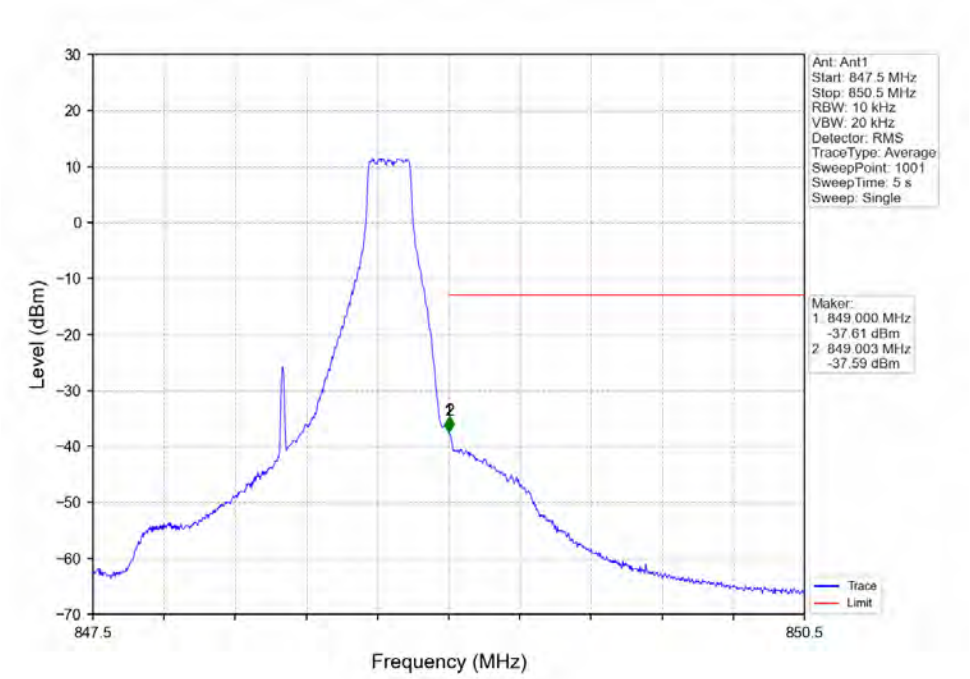


Band_5_1.4MHz_16QAM_HCH_848.3MHz_RB_1_0_NTNV



Band_5_1.4MHz_16QAM_HCH_848.3MHz_RB_1_5_NTNV



Band_5_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV